# Temperature Profiles for 21 Lakes in the Experimental Lakes Area, Northwestern Ontario, 1986

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by

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## ABSTRACT

Cruikshank, D.R. 1987. Temperature profiles for 21 lakes in the Experimental Lakes Area, northwestern Ontario, 1986. Can. Data Rep. Fish. Aquat. Sci. 648: iv + 36 p.

This report presents 250 temperature profiles from 21 lakes in the Experimental Lakes Area in northwestern Ontario. Also included are data on weather descriptions, Secchi depths, water colour, planar thermoclines and epilimnion depths.


Key words: temperature profiles; thermocline; experimental lakes; Secchi disk.


## RÉSUMÉ

Cruikshank, D.R. 1987. Temperature profiles for 21 lakes in the Experimental Lakes Area, northwestern Ontario, 1986. Can. Data Rep. Fish. Aquat. Sci. 648: iv + 36 p.

Le présent rapport présente 250 profils de température de 21 lacs de la Région des Lacs Expérimentaux dans le nord-ouest de l'Ontario. Il comprend aussi des données sur la description du temps, les profondeurs de secchi, la couleur de l'eau, les thermoclines planaires, et la profondeur de l'épilimnion.


Mots-clés: profiles de température; thermocline; lacs expérimentaux; disques de Secchi.

## INTRODUCTION

This report is the fourth in a series of data reports dealing with lake temperature profiles at the Experimental Lakes Area (ELA). Temperature data from 1968-1983 for 39 lakes were presented by Cruikshank (1984a), for 1984 by Lyng and Cruikshank (1985) and for 1985 by Cruikshank (1986). In this report, 250 temperature profiles for 21 lakes during the 1986 ice-free season are presented in tabular (Appendix 1) form. Additional information such as weather descriptions, water colour and Secchi depths are presented when available (Appendix 2).

In most years, ELA lakes begin to stratify by early to mid-May with stable summer thermal regimes appearing by early June and disappearing by mid September (Cruikshank 1984b). The majority of ELA lakes do not completely overturn in spring, others have only fall overturns. Thermal homogeneity in the fall may occur up to two weeks before chemical homogeneity. The time factor could be an artifact of the bi-weekly sampling schedule and not necessarily real.

## METHODS

In 1986, all temperature profiles were taken using a Flett Research Mark II Digital Telethermometer. All readings have been corrected using a calibration curve that was calculated using a mercury thermometer (0.05°C accuracy). Profiles were obtained by starting at the lake surface and taking temperature readings at one metre intervals. If the temperature difference between successive metre depths exceeded 1°C, measurements were taken every quarter metre until the difference between metre depths was less than 1°C.

Inflow, outflow and air temperatures were taken with a pocket thermometer (1°C accuracy). Weather descriptions such as wind speed and cloud cover were subjective and may vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The Secchi disk was lowered until it disappeared and then raised up until it reappeared. The mean of the two depths was recorded as the Secchi disk reading. Water colour was a subjective measurement defined as the colour of water against the white background of the Secchi disk at 1/2 the recorded Secchi depth. Epilimnion depth is defined as that point in the water column where temperature began to decrease at a rate greater than 1°C per metre. Planar thermocline is defined as that point where the change in temperature per metre depth was greatest.

All calculations and printouts were done by a Hewlett Packard Model 87XM computer.

## ACKNOWLEDGMENTS

I would like to thank Tim Cooper and Doug Heywood who assisted me in the collection of field data for 1986. I would also like to thank Susan Kasian for her computer programming assistance and Donna Laroque who typed this report.

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LYNG, M.E., and D.R. CRUIKSHANK. 1985. Temperature profiles for 19 lakes in the Experimental Lakes Area, northwestern Ontario, 1984. Can. Data Rep. Fish. Aquat. Sci. 534: iv + 189 p.

# APPENDIX 1

LAKE# 109 TEMPERATURE PROFILES FOR 1996

| MAY 12 DAY# 132 | | MAY 28 DAY# 148 | | JUN 9 DAY# 160 | | JUN 25 DAY# 176 | | JUL 7 DAY# 188 | | JUL 23 DAY# 204 | | AUG 4 DAY# 216 | | AUG 20 DAY# 232 | | SEP 1 DAY# 244 | | SEP 16 DAY# 259 | | SEP 29 DAY# 272 | | OCT 23 DAY# 296 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 11.4 | 0.00 | 19.0 | 0.00 | 18.4 | 0.00 | 19.8 | 0.00 | 20.0 | 0.00 | 22.0 | 0.00 | 21.6 | 0.00 | 21.0 | 0.00 | 18.2 | 0.00 | 15.0 | 0.00 | 13.8 | 0.00 | 8.6 |
| 1.00 | 11.2 | 1.00 | 18.9 | 1.00 | 18.4 | 1.00 | 19.6 | 1.00 | 20.0 | 1.00 | 22.0 | 1.00 | 21.6 | 1.00 | 21.2 | 1.00 | 18.4 | 1.00 | 14.9 | 1.00 | 13.8 | 1.00 | 8.7 |
| 1.25 | 11.1 | 2.00 | 17.9 | 2.00 | 18.4 | 2.00 | 19.4 | 2.00 | 20.0 | 2.00 | 22.0 | 2.00 | 21.6 | 2.00 | 21.2 | 2.00 | 18.5 | 2.00 | 14.9 | 2.00 | 13.8 | 2.00 | 8.7 |
| 1.50 | 9.8 | 2.25 | 17.6 | 3.00 | 18.3 | 3.00 | 19.4 | 3.00 | 20.0 | 3.00 | 22.0 | 3.00 | 21.6 | 3.00 | 21.2 | 3.00 | 18.5 | 3.00 | 14.8 | 3.00 | 13.8 | 3.00 | 8.7 |
| 1.75 | 9.6 | 2.50 | 17.3 | 4.00 | 18.1 | 4.00 | 19.1 | 4.00 | 20.0 | 4.00 | 21.4 | 4.00 | 21.6 | 4.00 | 21.2 | 4.00 | 18.5 | 4.00 | 14.7 | 4.00 | 13.8 | 4.00 | 8.6 |
| 2.00 | 9.4 | 2.75 | 17.0 | 4.25 | 17.0 | 4.25 | 18.7 | 5.00 | 20.0 | 5.00 | 20.3 | 5.00 | 21.4 | 5.00 | 21.1 | 5.00 | 18.5 | 5.00 | 14.7 | 5.00 | 13.8 | 5.00 | 8.6 |
| 3.00 | 9.1 | 3.00 | 16.5 | 4.50 | 16.2 | 4.50 | 18.3 | 6.00 | 19.9 | 5.25 | 19.6 | 6.00 | 20.6 | 6.00 | 20.6 | 6.00 | 18.4 | 6.00 | 14.7 | 6.00 | 13.8 | 6.00 | 8.6 |
| 4.00 | 8.9 | 3.25 | 15.9 | 4.75 | 15.2 | 4.75 | 18.1 | 6.25 | 15.8 | 5.50 | 19.4 | 6.25 | 17.4 | 6.25 | 20.6 | 7.00 | 17.7 | 7.00 | 14.7 | 7.00 | 13.8 | 7.00 | 8.5 |
| 5.00 | 8.7 | 3.50 | 15.7 | 4.75 | 15.6 | 5.00 | 17.5 | 6.50 | 14.8 | 5.75 | 18.9 | 6.50 | 17.6 | 6.50 | 19.6 | 7.25 | 17.7 | 8.00 | 14.6 | 8.00 | 13.8 | 8.00 | 8.4 |
| 6.00 | 8.5 | 3.75 | 15.1 | 5.00 | 14.9 | 5.25 | 17.1 | 6.75 | 13.6 | 6.00 | 18.5 | 6.75 | 16.7 | 6.75 | 18.7 | 7.50 | 17.5 | 9.00 | 14.6 | 9.00 | 13.7 | 9.00 | 8.8 |
| 7.00 | 8.2 | 4.00 | 14.6 | 5.25 | 13.3 | 5.50 | 16.6 | 7.00 | 13.2 | 6.25 | 17.6 | 7.00 | 15.9 | 7.00 | 17.9 | 7.75 | 16.7 | 9.75 | 12.4 | 10.00 | 12.7 | 10.00 | 8.9 |
| 8.00 | 7.9 | 4.25 | 13.6 | 5.50 | 12.9 | 5.75 | 15.7 | 7.25 | 12.7 | 6.50 | 17.3 | 7.25 | 15.3 | 7.25 | 17.0 | 8.00 | 15.2 | | | | | | |
| 9.00 | 7.2 | 4.50 | 13.1 | 5.75 | 12.3 | 6.00 | 14.8 | 7.50 | 12.3 | 6.75 | 16.8 | 7.50 | 14.9 | 7.50 | 15.9 | 8.25 | 14.6 | | | | | | |
| 10.00 | 6.8 | 4.75 | 12.3 | 6.00 | 11.8 | 6.25 | 14.0 | 7.75 | 12.1 | 7.00 | 15.3 | 7.75 | 13.9 | 7.75 | 15.1 | 8.50 | 14.5 | | | | | | |
| | | 5.00 | 11.9 | 6.25 | 11.2 | 6.50 | 13.1 | 8.00 | 11.7 | 7.25 | 14.6 | 8.00 | 13.2 | 8.00 | 14.0 | 8.75 | 13.8 | | | | | | |
| | | 5.25 | 11.1 | 6.50 | 10.9 | 6.75 | 12.6 | 8.25 | 11.5 | 7.50 | 13.8 | 8.25 | 12.8 | 8.25 | 13.5 | 9.00 | 12.4 | | | | | | |
| | | 5.50 | 10.8 | 6.75 | 10.7 | 7.00 | 12.4 | 8.50 | 11.3 | 7.75 | 13.3 | 8.50 | 12.3 | 8.50 | 13.0 | 9.75 | 11.3 | | | | | | |
| | | 5.75 | 10.5 | 7.00 | 10.5 | 7.25 | 11.8 | 8.75 | 11.0 | 8.00 | 12.7 | 8.75 | 12.0 | 8.75 | 12.6 | | | | | | | | |
| | | 6.00 | 10.2 | 8.00 | 9.8 | 7.50 | 11.6 | 9.00 | 10.7 | 8.25 | 11.9 | 9.00 | 11.6 | 9.00 | 12.3 | | | | | | | | |
| | | 7.00 | 9.3 | 9.00 | 9.4 | 7.75 | 11.4 | 10.00 | 9.8 | 8.50 | 11.7 | 9.75 | 10.5 | 9.25 | 11.6 | | | | | | | | |
| | | 8.00 | 8.8 | | | 8.00 | 11.2 | | | 8.75 | 11.6 | | | 9.50 | 11.0 | | | | | | | | |
| | | 9.00 | 8.6 | | | 9.00 | 10.6 | | | 9.00 | 11.3 | | | 9.75 | 11.1 | | | | | | | | |
| | | 10.00 | 8.1 | | | 9.50 | 10.0 | | | 10.00 | 9.5 | | | | | | | | | | | | |

LAKE# 110 TEMPERATURE PROFILES FOR 1986

| MAY 12 DAY# 132 | | MAY 28 DAY# 148 | | JUN 25 DAY# 176 | | JUL 7 DAY# 188 | | JUL 25 DAY# 206 | | AUG 4 DAY# 216 | | AUG 20 DAY# 232 | | SEP 1 DAY# 244 | | SEP 6 DAY# 249 | | SEP 16 DAY# 259 | | SEP 29 DAY# 272 | | OCT 23 DAY# 296 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 12.1 | 0.00 | 20.7 | 0.00 | 20.8 | 0.00 | 20.3 | 0.00 | 22.2 | 0.00 | 21.2 | 0.00 | 20.5 | 0.00 | 18.3 | 0.00 | 18.5 | 0.00 | 13.9 | 0.00 | 13.1 | 0.00 | 8.3 |
| 1.00 | 11.5 | 1.00 | 20.2 | 1.00 | 19.7 | 1.00 | 20.4 | 1.00 | 22.3 | 1.00 | 21.4 | 1.00 | 21.1 | 1.00 | 18.3 | 1.00 | 18.7 | 1.00 | 13.9 | 1.00 | 13.0 | 1.00 | 8.1 |
| 1.25 | 11.1 | 1.25 | 19.3 | 2.00 | 19.3 | 2.00 | 20.3 | 2.00 | 22.2 | 2.00 | 21.4 | 2.00 | 21.1 | 2.00 | 18.3 | 2.00 | 18.7 | 2.00 | 13.8 | 2.00 | 13.0 | 2.00 | 8.1 |
| 1.50 | 11.0 | 1.50 | 19.1 | 3.00 | 19.1 | 3.00 | 20.3 | 3.00 | 21.6 | 3.00 | 21.3 | 3.00 | 21.1 | 3.00 | 18.3 | 3.00 | 18.4 | 3.00 | 13.6 | 3.00 | 13.0 | 3.00 | 8.1 |
| 1.75 | 10.3 | 1.75 | 18.7 | 4.00 | 18.0 | 4.00 | 20.3 | 4.00 | 20.1 | 4.00 | 21.0 | 4.00 | 21.1 | 4.00 | 18.3 | 3.25 | 17.9 | 4.00 | 13.5 | 4.00 | 13.0 | 4.00 | 8.1 |
| 2.00 | 9.8 | 2.00 | 17.9 | 4.25 | 16.7 | 4.25 | 19.0 | 4.25 | 19.3 | 4.25 | 20.8 | 4.25 | 20.7 | 5.00 | 17.7 | 3.50 | 17.4 | 5.00 | 13.5 | 5.00 | 13.0 | 5.00 | 7.8 |
| 3.00 | 9.3 | 2.25 | 17.7 | 4.50 | 16.0 | 4.50 | 17.8 | 4.50 | 18.7 | 4.50 | 19.1 | 4.50 | 20.7 | 5.25 | 17.4 | 3.75 | 15.6 | 6.00 | 13.4 | 6.00 | 13.0 | 6.00 | 7.6 |
| 4.00 | 9.0 | 2.50 | 17.3 | 4.75 | 14.8 | 4.75 | 16.7 | 4.75 | 17.4 | 4.75 | 15.7 | 4.75 | 20.1 | 5.50 | 17.2 | 4.00 | 14.2 | 7.00 | 13.2 | 7.00 | 13.0 | 7.00 | 7.4 |
| 5.00 | 8.8 | 2.75 | 16.9 | 5.00 | 13.1 | 5.00 | 14.7 | 5.00 | 16.7 | 5.00 | 17.5 | 5.00 | 19.3 | 5.75 | 17.1 | 4.25 | 13.3 | 7.25 | 12.5 | 7.25 | 12.6 | 8.00 | 7.4 |
| 6.00 | 8.2 | 3.00 | 16.2 | 5.25 | 12.4 | 5.25 | 13.8 | 5.25 | 15.5 | 5.25 | 16.8 | 5.25 | 18.2 | 6.00 | 16.7 | 4.50 | 12.7 | 7.50 | 12.2 | 7.50 | 12.5 | 9.00 | 7.3 |
| 6.25 | 7.2 | 3.25 | 15.1 | 5.50 | 11.5 | 5.50 | 12.3 | 5.50 | 14.9 | 5.50 | 15.1 | 5.50 | 17.3 | 6.25 | 15.5 | 4.75 | 12.0 | 7.75 | 12.1 | 7.75 | 12.4 | 10.00 | 7.3 |
| 6.50 | 6.7 | 3.50 | 13.9 | 5.75 | 10.9 | 5.75 | 12.0 | 5.75 | 14.0 | 5.75 | 14.4 | 5.75 | 16.6 | 6.50 | 14.5 | 5.00 | 11.3 | 8.00 | 10.8 | 8.00 | 11.7 | 11.00 | 7.2 |
| 6.75 | 6.5 | 3.75 | 13.1 | 6.00 | 10.5 | 6.00 | 11.4 | 6.00 | 12.6 | 6.00 | 13.2 | 5.75 | 6.5 | 6.75 | 12.9 | 5.25 | 10.7 | 8.25 | 10.0 | 8.25 | 10.2 | 12.00 | 7.2 |
| 7.00 | 6.4 | 4.00 | 12.3 | 6.25 | 9.9 | 6.25 | 10.3 | 6.25 | 11.5 | 6.25 | 12.3 | 6.00 | 14.9 | 7.00 | 11.7 | 5.50 | 10.4 | 8.50 | 9.5 | 8.50 | 9.9 | 12.50 | 6.8 |
| 8.00 | 6.4 | 4.25 | 11.3 | 6.50 | 9.6 | 6.50 | 9.9 | 6.50 | 11.2 | 6.50 | 11.8 | 6.25 | 13.9 | 7.25 | 10.7 | 5.75 | 9.9 | 8.75 | 9.1 | 8.75 | 9.5 | | |
| 9.00 | 6.1 | 4.50 | 10.9 | 6.75 | 9.2 | 6.75 | 9.5 | 6.75 | 10.4 | 6.75 | 11.3 | 6.75 | 12.5 | 7.50 | 10.3 | 6.00 | 9.5 | 9.00 | 8.3 | 9.00 | 8.6 | | |
| 10.00 | 6.0 | 4.75 | 10.5 | 7.00 | 8.8 | 7.00 | 9.1 | 7.00 | 9.9 | 7.00 | 10.7 | 7.00 | 12.0 | 7.75 | 9.8 | 6.25 | 8.7 | 10.00 | 7.2 | 9.25 | 7.9 | | |
| 11.00 | 5.6 | 5.00 | 10.1 | 7.25 | 8.0 | 7.25 | 8.7 | 7.25 | 9.2 | 7.25 | 9.9 | 7.25 | 10.5 | 8.00 | 9.1 | 6.50 | 8.6 | 11.00 | 6.7 | 9.50 | 7.7 | | |
| 12.00 | 5.6 | 5.25 | 9.4 | 7.50 | 7.9 | 7.50 | 8.1 | 7.50 | 9.0 | 7.50 | 9.0 | 7.50 | 10.4 | 8.25 | 8.5 | 6.75 | 8.0 | 12.00 | 6.5 | 9.75 | 7.6 | | |
| | | 5.50 | 9.3 | 7.75 | 7.7 | 7.75 | 8.1 | 7.75 | 8.6 | 7.75 | 8.8 | 7.75 | 9.9 | 8.50 | 8.1 | 7.00 | 7.7 | | | 10.00 | 7.3 | | |
| | | 5.75 | 9.1 | 8.00 | 7.5 | 8.00 | 7.7 | 8.00 | 8.3 | 8.00 | 8.0 | 8.00 | 9.4 | 8.75 | 7.8 | 8.00 | 6.9 | | | 11.00 | 6.8 | | |
| | | 6.00 | 8.9 | 9.00 | 6.7 | 9.00 | 7.0 | 9.00 | 7.2 | 9.00 | 7.1 | 8.25 | 8.5 | 9.00 | 7.5 | 9.00 | 6.5 | | | 12.00 | 6.6 | | |
| | | 7.00 | 7.6 | 10.00 | 6.1 | 10.00 | 6.5 | 10.00 | 6.7 | 10.00 | 6.6 | 8.50 | 8.1 | 10.00 | 6.6 | 10.00 | 6.2 | | | | | | |
| | | 8.00 | 6.8 | 11.00 | 6.1 | 11.00 | 6.3 | 11.00 | 6.4 | 11.00 | 6.4 | 8.75 | 7.9 | 11.00 | 6.3 | 11.00 | 6.1 | | | | | | |
| | | 9.00 | 6.4 | 12.00 | 6.0 | 12.00 | 6.2 | 12.00 | 6.3 | 12.00 | 6.3 | 9.00 | 7.6 | 12.00 | 6.1 | 12.00 | 6.0 | | | | | | |
| | | 10.00 | 6.2 | | | 12.50 | 6.1 | 12.25 | 6.1 | 12.25 | 6.1 | 10.00 | 7.0 | 13.00 | 6.1 | | | | | | | | |
| | | 11.00 | 6.1 | | | | | | | | | 11.00 | 6.6 | | | | | | | | | | |
| | | 12.00 | 5.9 | | | | | | | | | 12.00 | 6.5 | | | | | | | | | | |
| | | 12.75 | 5.9 | | | | | | | | | | | | | | | | | | | | |

LAKE# 114 TEMPERATURE PROFILES FOR 1996

| JUN 2 DAY# 153 | | JUN 16 DAY# 167 | | jun 30 DAY# 181 | | JUL 14 DAY# 195 | | JUL 28 DAY# 209 | | AUG 11 DAY# 223 | | AUG 25 DAY# 237 | | SEP 8 DAY# 251 | | SEP 22 DAY# 265 | | OCT 6 DAY# 279 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 18.5 | 0.00 | 17.1 | 0.00 | 21.3 | 0.00 | 17.4 | 0.00 | 25.0 | 0.00 | 20.0 | 0.00 | 18.6 | 0.00 | 13.9 | 0.00 | 12.8 | 0.00 | 7.7 |
| 1.00 | 18.8 | 1.00 | 17.2 | 1.00 | 21.2 | 1.00 | 17.4 | 1.00 | 24.4 | 1.00 | 19.7 | 1.00 | 18.6 | 1.00 | 13.9 | 1.00 | 12.8 | 1.00 | 7.7 |
| 2.00 | 18.8 | 2.00 | 17.2 | 2.00 | 21.1 | 2.00 | 17.3 | 2.00 | 24.2 | 2.00 | 19.6 | 2.00 | 18.6 | 2.00 | 13.9 | 2.00 | 12.8 | 2.00 | 7.7 |
| 3.00 | 18.9 | 3.00 | 17.2 | 3.00 | 21.1 | 3.00 | 17.3 | 3.00 | 23.4 | 3.00 | 19.4 | 3.00 | 18.6 | 3.00 | 13.9 | 3.00 | 12.8 | 3.00 | 7.7 |
| 4.00 | 18.9 | 4.00 | 17.2 | 4.00 | 21.1 | 4.00 | 17.3 | 3.25 | 22.7 | 4.00 | 19.3 | 4.00 | 18.6 | 4.00 | 13.9 | 4.00 | 12.8 | 4.00 | 7.7 |
| 5.00 | 18.9 | 4.50 | 17.2 | 4.25 | 20.9 | 5.00 | 16.1 | 3.50 | 22.6 | 4.50 | 19.3 | 4.50 | 18.6 | 4.50 | 13.9 | 5.00 | 13.2 | | |
| | | | | | | | | 3.75 | 22.0 | | | | | | | | | | |
| | | | | | | | | 4.00 | 20.6 | | | | | | | | | | |
| | | | | | | | | 4.25 | 19.9 | | | | | | | | | | |
| | | | | | | | | 4.50 | 19.6 | | | | | | | | | | |
| | | | | | | | | 4.75 | 19.3 | | | | | | | | | | |
| | | | | | | | | 5.00 | 18.9 | | | | | | | | | | |

LAKE# 221 TEMPERATURE PROFILES FOR 1996

| MAY 15 DAY# 135 | | MAY 29 DAY# 149 | | JUN 12 DAY# 163 | | JUN 26 DAY# 177 | | JUL 10 DAY# 191 | | JUL 24 DAY# 205 | | AUG 7 DAY# 219 | | AUG 21 DAY# 233 | | SEP 4 DAY# 247 | | SEP 18 DAY# 261 | | OCT 1 DAY# 274 | | OCT 14 DAY# 287 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 15.5 | 0.00 | 22.8 | 0.00 | 18.8 | 0.00 | 19.9 | 0.00 | 22.4 | 0.00 | 23.2 | 0.00 | 21.3 | 0.00 | 20.0 | 0.00 | 16.9 | 0.00 | 12.0 | 0.00 | 12.7 | 0.00 | 5.6 |
| 1.00 | 15.3 | 1.00 | 22.5 | 1.00 | 18.7 | 1.00 | 19.8 | 1.00 | 22.3 | 1.00 | 23.0 | 1.00 | 21.3 | 1.00 | 20.0 | 1.00 | 16.9 | 1.00 | 12.0 | 1.00 | 12.7 | 1.00 | 5.5 |
| 1.25 | 14.9 | 1.25 | 20.8 | 2.00 | 18.7 | 2.00 | 18.8 | 2.00 | 21.7 | 2.00 | 22.8 | 2.00 | 20.9 | 2.00 | 19.7 | 2.00 | 16.9 | 2.00 | 12.0 | 2.00 | 12.7 | 2.00 | 5.5 |
| 1.50 | 14.7 | 1.50 | 20.1 | 2.25 | 17.3 | 2.25 | 18.3 | 2.25 | 20.5 | 2.25 | 21.6 | 3.00 | 19.8 | 3.00 | 19.7 | 3.00 | 16.9 | 3.00 | 12.0 | 3.00 | 12.7 | 3.00 | 5.5 |
| 1.75 | 13.0 | 1.75 | 18.9 | 2.50 | 16.9 | 2.50 | 17.6 | 2.50 | 20.4 | 2.50 | 20.0 | 3.25 | 17.5 | 3.25 | 19.0 | 4.00 | 16.0 | 4.00 | 11.9 | 4.00 | 12.0 | 4.00 | 5.4 |
| 2.00 | 12.6 | 2.00 | 16.9 | 2.75 | 15.7 | 2.75 | 16.5 | 2.75 | 19.9 | 2.75 | 19.3 | 3.50 | 16.7 | 3.50 | 18.2 | 4.25 | 14.9 | 5.00 | 11.5 | 5.00 | 11.6 | 5.00 | 5.4 |
| 2.25 | 11.2 | 2.25 | 15.6 | 3.00 | 13.8 | 3.00 | 16.2 | 3.00 | 18.5 | 3.00 | 18.4 | 3.75 | 15.3 | 3.75 | 16.9 | 4.50 | 14.1 | 5.50 | 10.9 | 5.50 | 11.4 | 5.50 | 5.4 |
| 2.50 | 10.9 | 2.50 | 13.8 | 3.25 | 12.0 | 3.25 | 14.9 | 3.25 | 16.9 | 3.25 | 17.4 | 4.00 | 13.8 | 4.00 | 15.1 | 4.75 | 13.2 | | | | | | |
| 2.75 | 10.3 | 2.75 | 12.6 | 3.50 | 11.1 | 3.50 | 12.2 | 3.50 | 15.0 | 3.50 | 16.5 | 4.25 | 12.5 | 4.25 | 12.7 | 5.00 | 12.3 | | | | | | |
| 3.00 | 9.6 | 3.00 | 11.6 | 3.75 | 10.2 | 3.75 | 11.1 | 3.75 | 13.4 | 3.75 | 15.0 | 4.50 | 11.6 | 4.50 | 12.4 | 5.75 | 10.6 | | | | | | |
| 3.25 | 9.0 | 3.25 | 10.6 | 4.00 | 9.3 | 4.00 | 10.6 | 4.00 | 11.3 | 4.00 | 13.3 | 4.75 | 10.9 | 4.75 | 11.7 | | | | | | | | |
| 3.50 | 8.8 | 3.50 | 9.9 | 4.25 | 8.7 | 4.25 | 9.6 | 4.25 | 10.2 | 4.25 | 12.5 | 5.00 | 9.4 | 5.00 | 11.0 | | | | | | | | |
| 3.75 | 9.0 | 3.75 | 9.3 | 4.50 | 8.4 | 4.50 | 9.2 | 4.50 | 10.0 | 4.50 | 11.6 | 5.25 | 8.9 | 5.25 | 10.4 | | | | | | | | |
| 4.00 | 8.0 | 4.00 | 8.9 | 4.75 | 8.0 | 4.75 | 9.2 | 4.75 | 9.1 | 4.75 | 11.1 | 5.50 | 8.8 | 5.50 | 10.3 | | | | | | | | |
| 5.00 | 7.1 | 4.25 | 8.4 | 5.00 | 4.7 | 5.00 | 9.1 | 5.00 | 8.9 | 5.00 | 10.6 | | | | | | | | | | | | |
| 5.50 | 7.0 | 4.50 | 8.0 | | | | | 5.25 | 8.5 | | | | | | | | | | | | | | |
| | | 4.75 | 7.8 | | | | | 5.50 | 8.3 | | | | | | | | | | | | | | |
| | | 5.00 | 7.6 | | | | | | | | | | | | | | | | | | | | |
| | | 6.00 | 7.2 | | | | | | | | | | | | | | | | | | | | |

LAKE# 222 TEMPERATURE PROFILES FOR 1996

| MAY 15 DAY# 135 | | MAY 29 DAY# 149 | | JUN 12 DAY# 163 | | JUN 26 DAY# 177 | | JUL 10 DAY# 191 | | JUL 24 DAY# 205 | | AUG 7 DAY# 219 | | AUG 21 DAY# 233 | | SEP 4 DAY# 247 | | SEP 18 DAY# 261 | | OCT 1 DAY# 274 | | OCT 14 DAY# 287 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 15.2 | 0.00 | 23.1 | 0.00 | 18.7 | 0.00 | 21.3 | 0.00 | 22.0 | 0.00 | 23.7 | 0.00 | 21.7 | 0.00 | 20.1 | 0.00 | 19.1 | 0.00 | 12.5 | 0.00 | 12.9 | 0.00 | 6.9 |
| 1.00 | 15.1 | 1.00 | 22.7 | 1.00 | 18.9 | 1.00 | 20.5 | 1.00 | 22.2 | 1.00 | 23.7 | 1.00 | 21.6 | 1.00 | 20.0 | 1.00 | 19.1 | 1.00 | 12.5 | 1.00 | 12.9 | 1.00 | 6.9 |
| 1.25 | 14.4 | 1.25 | 20.0 | 2.00 | 17.9 | 2.00 | 19.4 | 2.00 | 21.3 | 1.25 | 23.4 | 2.00 | 20.9 | 2.00 | 20.0 | 2.00 | 19.1 | 2.00 | 12.5 | 2.00 | 12.9 | 2.00 | 6.9 |
| 1.50 | 14.5 | 1.50 | 19.2 | 2.25 | 17.3 | 2.25 | 18.9 | 3.00 | 19.3 | 1.50 | 23.5 | 2.25 | 20.4 | 3.00 | 19.5 | 3.00 | 17.0 | 3.00 | 12.5 | 3.00 | 12.8 | 3.00 | 6.9 |
| 1.75 | 13.9 | 1.75 | 17.8 | 2.50 | 16.9 | 2.50 | 18.2 | 3.25 | 16.1 | 1.75 | 22.1 | 2.50 | 19.9 | 3.25 | 17.6 | 3.25 | 16.9 | 4.00 | 12.5 | 4.00 | 12.5 | 4.00 | 6.9 |
| 2.00 | 12.8 | 2.00 | 16.7 | 2.75 | 15.4 | 2.75 | 16.5 | 3.50 | 15.1 | 2.00 | 22.1 | 2.75 | 19.6 | 3.50 | 17.1 | 3.50 | 16.7 | 5.00 | 12.0 | 5.00 | 11.7 | 5.00 | 6.8 |
| 2.25 | 11.6 | 2.25 | 15.0 | 3.00 | 12.8 | 3.00 | 13.3 | 3.75 | 13.2 | 2.25 | 21.3 | 3.00 | 18.7 | 3.75 | 15.9 | 3.75 | 15.9 | | | | | 5.50 | 7.1 |
| 2.50 | 10.7 | 2.50 | 13.8 | 3.25 | 10.8 | 3.25 | 12.9 | 4.00 | 11.3 | 2.50 | 19.9 | 3.25 | 17.3 | 4.00 | 14.2 | 4.00 | 15.1 | | | | | | |
| 2.75 | 10.3 | 2.75 | 12.4 | 3.50 | 10.2 | 3.50 | 11.6 | 4.25 | 10.8 | 2.75 | 18.4 | 3.50 | 15.7 | 4.25 | 11.5 | 4.25 | 13.3 | | | | | | |
| 3.00 | 10.2 | 3.00 | 11.4 | 3.75 | 9.4 | 3.75 | 10.8 | 4.50 | 10.3 | 3.00 | 17.6 | 3.75 | 13.9 | 4.50 | 11.6 | 4.50 | 13.0 | | | | | | |
| 3.25 | 9.3 | 3.25 | 9.9 | 4.00 | 8.8 | 4.00 | 10.6 | 4.75 | 9.8 | 3.25 | 16.8 | 4.00 | 13.2 | 4.75 | 11.4 | 4.75 | 12.1 | | | | | | |
| 3.50 | 8.9 | 3.50 | 9.2 | 4.25 | 8.1 | 4.25 | 9.7 | 5.00 | 9.2 | 3.50 | 15.8 | 4.25 | 11.8 | 5.00 | 10.1 | 5.00 | 11.1 | | | | | | |
| 3.75 | 8.4 | 3.75 | 8.7 | 4.50 | 7.9 | 4.50 | 8.8 | 5.25 | 8.6 | 3.75 | 14.9 | 4.50 | 10.6 | 5.25 | 9.5 | 5.75 | 9.9 | | | | | | |
| 4.00 | 7.9 | 4.00 | 8.2 | 4.75 | 7.7 | 4.75 | 8.5 | | | 4.00 | 13.3 | 4.75 | 9.7 | | | | | | | | | | |
| 5.00 | 7.0 | 4.25 | 7.5 | 5.00 | 7.3 | 5.00 | 8.5 | | | 4.25 | 13.0 | 5.00 | 9.0 | | | | | | | | | | |
| 5.50 | 6.6 | 4.50 | 7.3 | | | | | | | 4.50 | 10.7 | | | | | | | | | | | | |
| | | 4.75 | 7.1 | | | | | | | 4.75 | 9.5 | | | | | | | | | | | | |
| | | 5.00 | 6.9 | | | | | | | 5.00 | 9.1 | | | | | | | | | | | | |
| | | 5.25 | 6.7 | | | | | | | | | | | | | | | | | | | | |

LAKE# 335 TEMPERATURE PROFILES FOR 1986

| MAY 5 DAY# 125 | | MAY 19 DAY# 139 | | JUN 2 DAY# 153 | | JUN 16 DAY# 167 | | JUN 30 DAY# 181 | | JUL 14 DAY# 195 | | JUL 28 DAY# 209 | | AUG 11 DAY# 223 | | AUG 25 DAY# 237 | | SEP 8 DAY# 251 | | SEP 22 DAY# 265 | | OCT 6 DAY# 279 | | OCT 21 DAY# 294 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 9.6 | 0.00 | 12.4 | 0.00 | 17.8 | 0.00 | 16.8 | 0.00 | 19.2 | 0.00 | 18.7 | 0.00 | 22.4 | 0.00 | 19.9 | 0.00 | 19.5 | 0.00 | 16.1 | 0.00 | 14.2 | 0.00 | 11.3 | 0.00 | 12.6 |
| 1.00 | 9.2 | 1.00 | 12.4 | 1.00 | 17.9 | 1.00 | 17.0 | 1.00 | 19.3 | 1.00 | 18.9 | 1.00 | 22.5 | 1.00 | 20.5 | 1.00 | 19.6 | 1.00 | 16.1 | 1.00 | 14.0 | 1.00 | 11.4 | 1.00 | 12.. |
| 2.00 | 8.9 | 2.00 | 12.3 | 2.00 | 17.9 | 2.00 | 17.1 | 2.00 | 19.3 | 2.00 | 19.0 | 2.00 | 22.5 | 2.00 | 20.5 | 2.00 | 19.6 | 2.00 | 16.1 | 2.00 | 14.0 | 2.00 | 11.4 | 2.00 | 12.8 |
| 3.00 | 8.6 | 3.00 | 12.2 | 3.00 | 17.8 | 3.00 | 17.2 | 3.00 | 19.3 | 3.00 | 19.0 | 3.00 | 22.5 | 3.00 | 20.6 | 3.00 | 19.6 | 3.00 | 16.1 | 3.00 | 14.0 | 3.00 | 11.4 | 3.00 | 12.9 |
| 4.00 | 8.2 | 4.00 | 11.4 | 3.25 | 17.4 | 4.00 | 17.1 | 4.00 | 19.3 | 4.00 | 19.0 | 4.00 | 22.5 | 4.00 | 20.5 | 4.00 | 19.6 | 4.00 | 16.2 | 4.00 | 14.0 | 4.00 | 11.4 | 4.00 | 12.9 |
| 5.00 | 7.8 | 4.25 | 10.7 | 3.50 | 17.6 | 5.00 | 17.1 | 5.00 | 18.8 | 5.00 | 19.0 | 5.00 | 21.6 | 5.00 | 20.5 | 5.00 | 19.6 | 5.00 | 16.2 | 5.00 | 14.0 | 5.00 | 11.4 | 5.00 | 12.9 |
| 6.00 | 7.3 | 4.50 | 10.3 | 3.75 | 17.1 | 5.25 | 15.1 | 5.25 | 18.4 | 6.00 | 19.0 | 5.25 | 21.1 | 6.00 | 20.5 | 6.00 | 19.6 | 6.00 | 16.2 | 6.00 | 14.0 | 6.00 | 11.4 | 6.00 | 12.9 |
| 7.00 | 6.8 | 4.75 | 10.0 | 4.00 | 14.9 | 5.50 | 14.1 | 5.50 | 16.7 | 6.25 | 18.0 | 5.50 | 20.6 | 6.25 | 19.8 | 7.00 | 19.6 | 7.00 | 16.1 | 7.00 | 14.0 | 7.00 | 11.4 | 7.00 | 12.8 |
| 8.00 | 6.6 | 5.00 | 9.9 | 4.25 | 13.8 | 5.75 | 13.4 | 5.75 | 16.5 | 6.50 | 16.7 | 5.75 | 20.2 | 6.50 | 19.7 | 7.25 | 17.8 | 8.00 | 16.1 | 8.00 | 13.9 | 8.00 | 11.4 | 8.00 | 12.9 |
| 9.00 | 6.5 | 6.00 | 9.2 | 4.50 | 13.2 | 6.00 | 12.6 | 6.00 | 15.8 | 6.75 | 14.6 | 6.00 | 19.4 | 6.75 | 19.1 | 7.50 | 16.0 | 8.25 | 16.1 | 9.00 | 13.6 | 9.00 | 11.3 | 9.00 | 12.8 |
| 10.00 | 6.4 | 7.00 | 8.2 | 4.75 | 13.0 | 6.25 | 12.1 | 6.25 | 14.6 | 7.00 | 13.5 | 6.25 | 18.8 | 7.00 | 17.2 | 7.75 | 16.1 | 8.50 | 15.7 | 9.25 | 13.2 | 10.00 | 11.3 | 10.00 | 12.9 |
| 11.00 | 6.3 | 8.00 | 7.3 | 5.00 | 11.9 | 6.50 | 11.7 | 6.50 | 13.3 | 7.25 | 13.0 | 6.50 | 18.3 | 7.75 | 16.0 | 8.00 | 14.9 | 8.75 | 15.1 | 9.50 | 13.2 | 11.00 | 11.3 | 11.00 | 12.8 |
| 12.00 | 6.3 | 9.00 | 6.8 | 5.25 | 11.4 | 6.75 | 11.0 | 6.75 | 12.9 | 7.50 | 12.2 | 6.75 | 17.2 | 7.50 | 15.3 | 8.25 | 13.8 | 9.00 | 14.5 | 9.75 | 12.8 | 11.25 | 9.1 | 12.00 | 12.8 |
| 13.00 | 6.2 | 10.00 | 6.6 | 5.50 | 11.0 | 7.00 | 10.2 | 7.00 | 12.5 | 7.75 | 11.8 | 7.00 | 16.2 | 7.75 | 14.6 | 8.50 | 12.8 | 9.25 | 12.2 | 10.00 | 12.0 | 11.50 | 8.3 | 13.00 | 12.. |
| 14.00 | 6.2 | 11.00 | 6.4 | 5.75 | 10.8 | 7.25 | 9.9 | 7.25 | 11.2 | 8.00 | 10.9 | 7.25 | 15.4 | 8.00 | 13.5 | 8.75 | 12.1 | 9.50 | 11.7 | 10.25 | 10.4 | 11.75 | 8.0 | 14.00 | 12.8 |
| 14.25 | 6.0 | 12.00 | 6.3 | 6.00 | 9.8 | 7.50 | 9.6 | 7.50 | 10.5 | 8.25 | 10.6 | 7.50 | 14.1 | 8.25 | 12.8 | 9.00 | 11.6 | 9.75 | 11.2 | 10.50 | 9.8 | 12.00 | 7.9 | 14.25 | 12.7 |
| | | 13.00 | 6.3 | 6.25 | 9.4 | 7.75 | 9.2 | 7.75 | 9.9 | 8.50 | 10.3 | 7.75 | 12.8 | 8.50 | 12.2 | 9.25 | 11.2 | 10.00 | 10.5 | 10.75 | 9.4 | 13.00 | 7.5 | | |
| | | 14.00 | 6.2 | 6.50 | 9.1 | 8.00 | 9.0 | 8.00 | 9.6 | 8.75 | 9.9 | 8.00 | 12.4 | 8.75 | 11.7 | 9.50 | 10.6 | 10.25 | 9.6 | 11.00 | 9.1 | 14.00 | 7.2 | | |
| | | 14.25 | 6.1 | 6.75 | 8.8 | 9.00 | 8.2 | 9.00 | 8.7 | 9.00 | 9.7 | 8.25 | 11.6 | 9.00 | 10.9 | 9.75 | 10.0 | 10.50 | 9.4 | 11.25 | 8.0 | 14.25 | 7.1 | | |
| | | | | 7.00 | 8.5 | 10.00 | 7.4 | 10.00 | 7.9 | 9.25 | 9.1 | 8.50 | 11.2 | 9.25 | 10.2 | 10.00 | 9.6 | 10.75 | 9.1 | 11.50 | 8.0 | | | | |
| | | | | 8.00 | 8.2 | 11.00 | 7.1 | 11.00 | 7.2 | 9.50 | 8.8 | 8.75 | 10.3 | 9.50 | 9.7 | 10.25 | 9.1 | 11.00 | 8.6 | 11.75 | 7.9 | | | | |
| | | | | 9.00 | 7.5 | 12.00 | 6.7 | 12.00 | 6.9 | 9.75 | 8.5 | 9.00 | 9.7 | 9.75 | 9.3 | 10.50 | 8.6 | 11.25 | 8.3 | 12.00 | 7.9 | | | | |
| | | | | 10.00 | 6.8 | 13.00 | 6.5 | 13.00 | 6.8 | 10.00 | 8.2 | 9.25 | 9.2 | 10.00 | 8.9 | 10.75 | 8.3 | 11.50 | 8.0 | 13.00 | 7.4 | | | | |
| | | | | 11.00 | 6.6 | 14.00 | 6.4 | 14.00 | 6.7 | 11.00 | 7.4 | 9.50 | 9.1 | 11.00 | 8.1 | 11.00 | 7.9 | 11.75 | 7.9 | 14.00 | 7.3 | | | | |
| | | | | 12.00 | 6.4 | | | 14.25 | 6.6 | 12.00 | 7.1 | 9.75 | 8.9 | 12.00 | 7.4 | 12.00 | 7.7 | 12.00 | 7.7 | 14.50 | 7.1 | | | | |
| | | | | 13.00 | 6.3 | | | | | 13.00 | 6.9 | 10.00 | 8.6 | 13.00 | 7.2 | 13.00 | 7.3 | 13.00 | 7.5 | | | | | | |
| | | | | 14.00 | 6.2 | | | | | 14.00 | 6.8 | 11.00 | 7.8 | 14.00 | 7.2 | 14.00 | 7.1 | 14.00 | 7.3 | | | | | | |
| | | | | | | | | | | | | 12.00 | 7.3 | | | | | | | | | | | | |
| | | | | | | | | | | | | 13.00 | 7.1 | | | | | | | | | | | | |
| | | | | | | | | | | | | 14.00 | 6.9 | | | | | | | | | | | | |
| | | | | | | | | | | | | 14.25 | 6.8 | | | | | | | | | | | | |

LAKE# 224 TEMPERATURE PROFILES FOR 1996

| MAY 5 DAY# 125 | | MAY 19 DAY# 139 | | JUN 2 DAY# 153 | | JUN 16 DAY# 167 | | JUN 30 DAY# 181 | | JUL 14 DAY# 195 | | JUL 28 DAY# 209 | | AUG 11 DAY# 223 | | AUG 25 DAY# 237 | | SEP 8 DAY# 251 | | SEP 22 DAY# 265 | | OCT 6 DAY# 279 | | OCT 29 DAY# 302 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 8.1 | 0.00 | 11.8 | 0.00 | 17.6 | 0.00 | 17.1 | 0.00 | 19.2 | 0.00 | 18.4 | 0.00 | 22.4 | 0.00 | 19.9 | 0.00 | 19.4 | 0.00 | 16.1 | 0.00 | 14.1 | 0.00 | 11.6 | 0.00 | 7.9 |
| 1.00 | 8.1 | 1.00 | 11.8 | 1.00 | 17.6 | 1.00 | 17.1 | 1.00 | 19.3 | 1.00 | 18.7 | 1.00 | 22.3 | 1.00 | 20.4 | 1.00 | 19.5 | 1.00 | 16.1 | 1.00 | 14.1 | 1.00 | 11.7 | 1.00 | 7.9 |
| 2.00 | 8.0 | 2.00 | 11.7 | 2.00 | 17.6 | 2.00 | 17.1 | 2.00 | 19.3 | 2.00 | 18.8 | 2.00 | 22.3 | 2.00 | 20.5 | 2.00 | 19.5 | 2.00 | 16.2 | 2.00 | 14.1 | 2.00 | 11.7 | 2.00 | 8.0 |
| 3.00 | 7.8 | 3.00 | 11.6 | 3.00 | 17.5 | 3.00 | 17.1 | 3.00 | 19.3 | 3.00 | 18.7 | 3.00 | 22.2 | 3.00 | 20.5 | 3.00 | 19.5 | 3.00 | 16.2 | 3.00 | 14.0 | 3.00 | 11.8 | 3.00 | 8.0 |
| 4.00 | 7.7 | 4.00 | 10.7 | 3.25 | 17.3 | 4.00 | 17.1 | 4.00 | 19.1 | 4.00 | 18.7 | 4.00 | 22.1 | 4.00 | 20.4 | 4.00 | 19.5 | 4.00 | 16.2 | 4.00 | 14.0 | 4.00 | 11.8 | 4.00 | 8.0 |
| 5.00 | 7.0 | 5.00 | 10.0 | 3.50 | 17.4 | 5.00 | 17.0 | 5.00 | 19.1 | 5.00 | 18.7 | 5.00 | 21.9 | 5.00 | 20.4 | 5.00 | 19.5 | 5.00 | 16.2 | 5.00 | 14.0 | 5.00 | 11.8 | 5.00 | 8.0 |
| 6.00 | 6.5 | 6.00 | 9.1 | 3.75 | 17.4 | 5.25 | 16.2 | 5.25 | 19.0 | 6.00 | 18.7 | 5.25 | 21.6 | 6.00 | 20.4 | 6.00 | 19.5 | 6.00 | 16.2 | 6.00 | 14.0 | 6.00 | 11.8 | 6.00 | 8.0 |
| 7.00 | 6.2 | 7.00 | 8.5 | 4.00 | 15.7 | 5.50 | 16.1 | 5.50 | 18.6 | 6.25 | 18.7 | 5.50 | 21.5 | 7.00 | 19.9 | 7.00 | 19.6 | 7.00 | 16.2 | 7.00 | 14.0 | 7.00 | 11.8 | 7.00 | 8.0 |
| 8.00 | 6.0 | 8.00 | 7.7 | 4.25 | 13.9 | 5.75 | 15.2 | 5.75 | 18.4 | 6.50 | 18.6 | 5.75 | 20.8 | 7.25 | 18.0 | 7.25 | 19.3 | 8.00 | 16.1 | 8.00 | 14.0 | 8.00 | 11.8 | 8.00 | 8.0 |
| 9.00 | 5.5 | 9.00 | 6.8 | 4.50 | 13.7 | 6.00 | 14.3 | 6.00 | 17.7 | 6.75 | 18.3 | 6.00 | 20.1 | 7.50 | 17.2 | 7.50 | 19.4 | 9.00 | 16.0 | 9.00 | 14.0 | 9.00 | 11.8 | 9.00 | 8.0 |
| 10.00 | 5.5 | 10.00 | 6.4 | 4.75 | 13.3 | 6.25 | 13.3 | 6.25 | 15.8 | 7.00 | 16.9 | 6.25 | 19.7 | 7.75 | 15.9 | 7.75 | 18.8 | 9.25 | 16.0 | 10.00 | 13.9 | 10.00 | 11.8 | 10.00 | 8.0 |
| 11.00 | 5.4 | 11.00 | 5.9 | 5.00 | 13.0 | 6.50 | 12.4 | 6.50 | 15.1 | 7.25 | 15.1 | 6.50 | 19.2 | 8.00 | 15.0 | 8.25 | 17.7 | 9.50 | 15.7 | 10.25 | 13.5 | 11.00 | 11.8 | 11.00 | 8.0 |
| 12.00 | 5.4 | 12.00 | 5.5 | 5.25 | 12.4 | 6.75 | 11.6 | 6.75 | 13.8 | 7.50 | 13.6 | 6.75 | 18.5 | 8.25 | 14.4 | 8.25 | 16.6 | 9.75 | 14.6 | 10.50 | 13.2 | 12.00 | 11.2 | 12.00 | 8.0 |
| 13.00 | 5.3 | 13.00 | 5.4 | 5.50 | 11.7 | 7.00 | 11.2 | 7.00 | 13.2 | 7.75 | 12.9 | 7.00 | 17.6 | 8.50 | 13.6 | 8.50 | 15.4 | 10.00 | 12.4 | 10.75 | 12.6 | 12.25 | 10.7 | 13.00 | 8.0 |
| 14.00 | 5.3 | 14.00 | 5.3 | 5.75 | 11.4 | 7.25 | 10.5 | 7.25 | 12.4 | 8.00 | 12.2 | 7.25 | 16.9 | 8.75 | 13.0 | 8.75 | 14.1 | 10.25 | 11.9 | 11.00 | 11.7 | 12.50 | 10.4 | 14.00 | 8.0 |
| 15.00 | 5.3 | 15.00 | 5.3 | 6.00 | 11.0 | 7.50 | 10.3 | 7.50 | 11.9 | 8.25 | 11.8 | 7.50 | 15.9 | 9.00 | 12.4 | 9.00 | 13.2 | 10.50 | 11.3 | 11.25 | 11.3 | 12.75 | 9.1 | 15.00 | 7.9 |
| 16.00 | 5.2 | 16.00 | 5.2 | 6.25 | 10.2 | 7.75 | 10.1 | 7.75 | 11.6 | 8.50 | 11.3 | 7.75 | 15.1 | 9.25 | 11.9 | 9.25 | 12.7 | 10.75 | 10.9 | 11.50 | 10.5 | 13.00 | 8.8 | 16.00 | 7.9 |
| 17.00 | 5.2 | 17.00 | 5.1 | 6.50 | 11.1 | 8.00 | 9.8 | 8.00 | 11.2 | 8.75 | 10.8 | 8.00 | 13.6 | 9.50 | 11.6 | 9.50 | 12.3 | 11.00 | 10.5 | 11.75 | 10.0 | 14.00 | 7.9 | 17.00 | 7.0 |
| 18.00 | 5.1 | 18.00 | 5.0 | 6.75 | 9.8 | 9.00 | 8.8 | 8.25 | 10.3 | 9.00 | 10.5 | 8.25 | 13.1 | 9.75 | 11.2 | 9.75 | 11.8 | 11.25 | 9.7 | 12.00 | 9.6 | 15.00 | 7.2 | 18.00 | 6.4 |
| 19.00 | 5.0 | 19.00 | 5.0 | 7.00 | 9.5 | 10.00 | 8.0 | 8.50 | 10.1 | 9.25 | 9.8 | 8.50 | 12.4 | 10.00 | 10.8 | 10.00 | 11.3 | 11.50 | 9.6 | 13.00 | 8.8 | 16.00 | 6.8 | 19.00 | 6.0 |
| 20.00 | 5.0 | 20.00 | 4.9 | 7.25 | 9.1 | 11.00 | 7.7 | 8.75 | 9.9 | 9.50 | 9.6 | 8.75 | 11.9 | 10.25 | 10.1 | 10.25 | 10.8 | 11.75 | 9.2 | 14.00 | 7.9 | 17.00 | 6.5 | 20.00 | 5.8 |
| 21.00 | 4.9 | 21.00 | 4.9 | 7.50 | 9.0 | 12.00 | 7.0 | 9.00 | 9.6 | 9.75 | 9.4 | 9.00 | 11.4 | 10.50 | 9.8 | 10.50 | 10.4 | 12.00 | 9.0 | 15.00 | 7.2 | 18.00 | 6.3 | 21.00 | 5.8 |
| 22.00 | 4.8 | 22.00 | 4.9 | 7.75 | 8.7 | 13.00 | 6.3 | 10.00 | 8.7 | 10.00 | 9.1 | 9.25 | 11.0 | 10.75 | 9.6 | 10.75 | 10.0 | 13.00 | 8.1 | 16.00 | 6.8 | 19.00 | 6.1 | 22.00 | 5.7 |
| 23.00 | 4.8 | 23.00 | 4.9 | 8.00 | 8.4 | 14.00 | 5.9 | 11.00 | 7.9 | 11.00 | 8.1 | 9.50 | 10.5 | 11.00 | 9.3 | 11.00 | 9.7 | 14.00 | 7.5 | 17.00 | 6.5 | 20.00 | 5.9 | 23.00 | 5.6 |
| 24.00 | 4.9 | 24.00 | 4.9 | 9.00 | 7.7 | 15.00 | 5.8 | 12.00 | 6.9 | 12.00 | 7.6 | 9.75 | 10.2 | 12.00 | 8.6 | 12.00 | 8.8 | 15.00 | 7.0 | 18.00 | 6.2 | 21.00 | 5.7 | 24.00 | 5.6 |
| 25.00 | 4.9 | 25.00 | 4.9 | 10.00 | 6.8 | 16.00 | 5.6 | 13.00 | 6.6 | 13.00 | 7.0 | 10.00 | 9.9 | 13.00 | 7.9 | 13.00 | 7.9 | 16.00 | 6.6 | 19.00 | 6.1 | 22.00 | 5.7 | 24.50 | 5.5 |
| 26.00 | 4.9 | 26.00 | 4.8 | 11.00 | 6.5 | 17.00 | 5.5 | 14.00 | 6.3 | 14.00 | 6.6 | 11.00 | 9.0 | 14.00 | 7.3 | 14.00 | 7.3 | 17.00 | 6.4 | 20.00 | 6.0 | 23.00 | 5.6 | | |
| 26.50 | 4.9 | | | 12.00 | 6.3 | 18.00 | 5.5 | 15.00 | 6.0 | 15.00 | 6.4 | 12.00 | 8.2 | 15.00 | 6.8 | 15.00 | 6.8 | 18.00 | 6.2 | 21.00 | 5.8 | 24.00 | 5.6 | | |
| | | | | 13.00 | 5.9 | 19.00 | 5.4 | 16.00 | 5.9 | 16.00 | 6.2 | 13.00 | 7.5 | 16.00 | 6.4 | 16.00 | 6.3 | 19.00 | 6.0 | 22.00 | 5.7 | 25.00 | 5.6 | | |
| | | | | 14.00 | 5.7 | 20.00 | 5.4 | 17.00 | 5.7 | 17.00 | 5.9 | 14.00 | 7.1 | 17.00 | 6.2 | 17.00 | 6.1 | 20.00 | 5.9 | 23.00 | 5.6 | | | | |
| | | | | 15.00 | 5.7 | 22.00 | 5.3 | 18.00 | 5.6 | 18.00 | 5.7 | 15.00 | 6.6 | 18.00 | 6.1 | 18.00 | 5.9 | 21.00 | 5.8 | 24.00 | 5.6 | | | | |
| | | | | 16.00 | 5.5 | 23.00 | 5.1 | 19.00 | 5.5 | 19.00 | 5.6 | 16.00 | 6.3 | 19.00 | 5.9 | 19.00 | 5.8 | 22.00 | 5.7 | 25.00 | 5.6 | | | | |
| | | | | 17.00 | 5.4 | 24.00 | 5.1 | 20.00 | 5.4 | 20.00 | 5.5 | 17.00 | 6.1 | 19.00 | 20.0 | 20.00 | 5.7 | 23.00 | 5.7 | | | | | | |
| | | | | 18.00 | 5.4 | 25.00 | 5.1 | 21.00 | 5.2 | 21.00 | 5.4 | 18.00 | 6.0 | 21.00 | 5.6 | 21.00 | 5.7 | 24.00 | 5.6 | | | | | | |
| | | | | 19.00 | 5.2 | 25.00 | 5.1 | 22.00 | 5.2 | 22.00 | 5.4 | 19.00 | 5.9 | 22.00 | 5.6 | 22.00 | 5.5 | 25.00 | 5.6 | | | | | | |
| | | | | 20.00 | 5.2 | | | 23.00 | 5.2 | 23.00 | 5.4 | 20.00 | 5.8 | 23.00 | 5.5 | 23.00 | 5.5 | | | | | | | | |
| | | | | 21.00 | 5.1 | | | 24.00 | 5.2 | 24.00 | 5.4 | 21.00 | 5.7 | 24.00 | 5.5 | 24.00 | 5.5 | | | | | | | | |
| | | | | 22.00 | 5.0 | | | 25.00 | 5.1 | 25.00 | 5.3 | 22.00 | 5.6 | | | 24.50 | 5.5 | | | | | | | | |
| | | | | 23.00 | 5.0 | | | | | | | 23.00 | 5.6 | | | | | | | | | | | | |
| | | | | 24.00 | 5.0 | | | | | | | 24.00 | 5.5 | | | | | | | | | | | | |
| | | | | 25.00 | 5.0 | | | | | | | 25.00 | 5.5 | | | | | | | | | | | | |
| | | | | 26.00 | 5.0 | | | | | | | | | | | | | | | | | | | | |

LAKE# 226 N TEMPERATURE PROFILE FOR 1986

| MAY 7 DAY# 127 | | MAY 19 DAY# 139 | | JUN 4 DAY# 155 | | JUN 16 DAY# 167 | | JUL 2 DAY# 183 | | JUL 14 DAY# 195 | | JUL 30 DAY# 211 | | AUG 7 DAY# 219 | | AUG 27 DAY# 239 | | SEP 8 DAY# 251 | | SEP 24 DAY# 267 | | OCT 6 DAY# 279 | | OCT 21 DAY# 300 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 9.1 | 0.00 | 12.8 | 0.00 | 17.5 | 0.00 | 17.3 | 0.00 | 19.5 | 0.00 | 18.6 | 0.00 | 23.1 | 0.00 | 22.0 | 0.00 | 17.9 | 0.00 | 15.2 | 0.00 | 13.2 | 0.00 | 10.5 | 0.00 | 7.5 |
| 1.00 | 9.3 | 1.00 | 12.6 | 1.00 | 17.7 | 1.00 | 17.4 | 1.00 | 19.8 | 1.00 | 18.6 | 1.00 | 23.1 | 1.00 | 22.1 | 1.00 | 17.9 | 1.00 | 15.2 | 1.00 | 13.3 | 1.00 | 10.5 | 1.00 | 7.4 |
| 2.00 | 9.3 | 2.00 | 12.5 | 2.00 | 17.7 | 2.00 | 17.4 | 2.00 | 19.9 | 2.00 | 18.6 | 2.00 | 23.1 | 2.00 | 22.0 | 2.00 | 17.9 | 2.00 | 15.2 | 2.00 | 13.3 | 2.00 | 10.6 | 2.00 | 7.5 |
| 3.00 | 9.3 | 3.00 | 11.8 | 3.00 | 17.6 | 3.00 | 17.4 | 3.00 | 19.8 | 3.00 | 18.6 | 3.00 | 22.7 | 3.00 | 21.5 | 3.00 | 17.9 | 3.00 | 15.2 | 3.00 | 13.3 | 3.00 | 10.6 | 3.00 | 7.4 |
| 3.25 | 9.3 | 3.25 | 11.0 | 3.25 | 17.6 | 4.00 | 17.2 | 3.25 | 19.6 | 4.00 | 18.6 | 3.25 | 21.9 | 4.00 | 20.9 | 4.00 | 17.9 | 4.00 | 15.2 | 4.00 | 13.2 | 4.00 | 10.6 | 4.00 | 7.5 |
| 3.50 | 9.3 | 3.50 | 10.6 | 3.50 | 15.5 | 4.25 | 14.5 | 3.50 | 19.7 | 4.25 | 18.5 | 3.50 | 21.7 | 4.25 | 19.6 | 5.00 | 17.9 | 5.00 | 15.2 | 5.00 | 13.1 | 5.00 | 10.6 | 5.00 | 7.5 |
| 3.75 | 9.3 | 3.75 | 10.3 | 3.75 | 13.4 | 4.50 | 13.0 | 3.75 | 18.8 | 4.50 | 18.4 | 3.75 | 21.0 | 4.50 | 18.8 | 5.25 | 16.6 | 6.00 | 15.0 | 6.00 | 12.7 | 6.00 | 10.6 | 6.00 | 7.5 |
| 4.00 | 7.7 | 4.00 | 9.8 | 4.00 | 12.3 | 4.75 | 11.5 | 4.00 | 17.8 | 4.75 | 18.2 | 4.00 | 20.2 | 4.75 | 17.5 | 5.50 | 15.4 | 6.25 | 14.1 | 7.00 | 11.9 | 7.00 | 10.5 | 7.00 | 7.3 |
| 4.50 | 7.2 | 4.25 | 9.5 | 4.25 | 11.3 | 5.00 | 10.4 | 4.25 | 16.8 | 5.00 | 16.7 | 4.25 | 19.4 | 5.00 | 16.6 | 5.75 | 13.7 | 6.50 | 13.0 | 7.25 | 11.1 | 8.00 | 10.1 | 8.00 | 7.1 |
| 5.00 | 6.9 | 4.50 | 9.1 | 4.50 | 10.8 | 5.25 | 9.6 | 4.50 | 15.3 | 5.25 | 15.1 | 4.50 | 18.7 | 5.25 | 15.7 | 6.00 | 12.6 | 6.75 | 11.5 | 7.50 | 10.1 | 8.25 | 9.5 | 9.00 | 7.0 |
| 6.00 | 6.5 | 4.75 | 8.3 | 4.75 | 9.9 | 5.50 | 9.0 | 4.75 | 14.1 | 5.50 | 11.6 | 4.75 | 17.7 | 5.50 | 13.6 | 6.25 | 11.0 | 7.00 | 9.6 | 7.75 | 8.9 | 8.50 | 8.7 | 10.00 | 7.0 |
| 7.00 | 6.3 | 5.00 | 7.8 | 5.00 | 9.5 | 5.75 | 8.5 | 5.00 | 13.0 | 5.75 | 10.9 | 5.00 | 15.6 | 5.75 | 12.6 | 6.50 | 10.1 | 7.25 | 8.6 | 8.00 | 8.6 | 8.75 | 7.3 | 11.00 | 6.9 |
| 8.00 | 6.1 | 6.00 | 7.0 | 5.25 | 9.1 | 6.00 | 7.9 | 5.25 | 11.4 | 6.00 | 9.6 | 5.25 | 14.7 | 6.00 | 11.7 | 6.75 | 9.5 | 7.50 | 8.4 | 8.25 | 7.8 | 9.00 | 7.0 | 12.00 | 6.7 |
| 9.00 | 5.9 | 7.00 | 6.4 | 5.50 | 8.6 | 7.00 | 6.9 | 5.50 | 10.3 | 6.25 | 8.9 | 5.50 | 12.9 | 6.25 | 10.6 | 7.00 | 8.9 | 7.75 | 7.9 | 8.50 | 7.5 | 10.00 | 6.4 | 13.00 | 6.0 |
| 10.00 | 5.5 | 8.00 | 6.1 | 5.75 | 8.0 | 8.00 | 6.4 | 5.75 | 9.6 | 6.50 | 8.3 | 5.75 | 12.1 | 6.50 | 9.9 | 7.25 | 8.4 | 8.00 | 7.6 | 8.75 | 7.2 | 11.00 | 6.0 | 14.00 | 5.7 |
| 11.00 | 5.3 | 9.00 | 6.0 | 6.00 | 7.7 | 9.00 | 6.1 | 6.00 | 9.0 | 6.75 | 7.9 | 6.00 | 11.3 | 6.75 | 9.4 | 7.50 | 7.7 | 8.25 | 6.7 | 9.00 | 6.8 | 12.00 | 5.8 | 14.50 | 5.7 |
| 12.00 | 5.1 | 10.00 | 5.8 | 7.00 | 6.7 | 10.00 | 5.9 | 6.25 | 7.9 | 7.00 | 7.8 | 6.25 | 10.7 | 7.00 | 8.6 | 7.75 | 7.4 | 8.50 | 6.4 | 10.00 | 6.1 | 13.00 | 5.6 | | |
| 13.00 | 5.1 | 11.00 | 5.5 | 8.00 | 6.2 | 11.00 | 5.8 | 6.50 | 7.4 | 8.00 | 6.7 | 6.50 | 9.9 | 7.25 | 8.2 | 8.00 | 7.0 | 8.75 | 6.2 | 11.00 | 5.8 | 14.00 | 5.6 | | |
| 14.00 | 5.1 | 12.00 | 5.4 | 9.00 | 6.0 | 12.00 | 5.7 | 6.75 | 7.2 | 9.00 | 6.3 | 6.75 | 9.4 | 7.50 | 7.9 | 9.00 | 6.1 | 9.00 | 6.0 | 12.00 | 5.4 | 15.00 | 5.6 | | |
| 15.00 | 4.7 | 13.00 | 5.3 | 10.00 | 5.8 | 13.00 | 5.5 | 7.00 | 7.2 | 10.00 | 6.0 | 7.00 | 8.3 | 7.75 | 7.6 | 10.00 | 5.8 | 10.00 | 5.5 | 13.00 | 5.5 | | | | |
| | | 13.50 | 5.2 | 11.00 | 5.7 | 14.00 | 5.4 | 8.00 | 6.7 | 11.00 | 5.7 | 7.25 | 7.9 | 8.00 | 7.2 | 11.00 | 5.7 | 11.00 | 5.3 | 14.00 | 5.5 | | | | |
| | | | | 12.00 | 5.6 | 14.25 | 5.4 | 9.00 | 6.3 | 12.00 | 5.6 | 7.50 | 7.6 | 9.00 | 6.5 | 12.00 | 5.6 | 12.00 | 5.1 | 15.00 | 5.4 | | | | |
| | | | | 13.00 | 5.6 | | | 10.00 | 6.0 | 13.00 | 5.5 | 7.75 | 7.2 | 10.00 | 6.1 | 13.00 | 5.6 | 13.00 | 5.0 | | | | | | |
| | | | | 14.00 | 5.5 | | | 11.00 | 5.8 | 14.00 | 5.5 | 8.00 | 7.1 | 11.00 | 5.9 | 14.00 | 5.6 | 14.00 | 4.9 | | | | | | |
| | | | | 15.00 | 5.4 | | | 12.00 | 5.7 | | | 9.00 | 6.5 | 12.00 | 5.8 | 15.00 | 5.4 | 15.00 | 4.9 | | | | | | |
| | | | | | | | | 13.00 | 5.6 | | | 10.00 | 6.1 | 13.00 | 5.7 | | | | | | | | | | |
| | | | | | | | | 14.50 | 5.6 | | | 11.00 | 5.8 | 14.00 | 5.6 | | | | | | | | | | |
| | | | | | | | | | | | | 12.00 | 5.7 | 14.50 | 5.5 | | | | | | | | | | |
| | | | | | | | | | | | | 13.00 | 5.7 | | | | | | | | | | | | |
| | | | | | | | | | | | | 14.00 | 5.6 | | | | | | | | | | | | |

LAKE# 226 S TEMPERATURE PROFILES FOR 1986

| MAY 7 DAY# 127 | | MAY 19 DAY# 139 | | JUN 4 DAY# 155 | | JUN 16 DAY# 167 | | JUL 2 DAY# 183 | | JUL 14 DAY# 195 | | JUL 30 DAY# 211 | | AUG 7 DAY# 219 | | AUG 27 DAY# 239 | | SEP 8 DAY# 251 | | SEP 24 DAY# 267 | | OCT 6 DAY# 279 | | OCT 27 DAY# 300 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 9.5 | 0.00 | 12.4 | 0.00 | 17.6 | 0.00 | 17.5 | 0.00 | 20.0 | 0.00 | 18.7 | 0.00 | 23.0 | 0.00 | 22.0 | 0.00 | 18.2 | 0.00 | 15.2 | 0.00 | 13.6 | 0.00 | 10.6 | 0.00 | 7.4 |
| 1.00 | 9.4 | 1.00 | 12.5 | 1.00 | 17.6 | 1.00 | 17.5 | 1.00 | 20.1 | 1.00 | 18.7 | 1.00 | 22.9 | 1.00 | 22.0 | 1.00 | 18.2 | 1.00 | 15.2 | 1.00 | 13.4 | 1.00 | 10.6 | 1.00 | 7.4 |
| 2.00 | 9.4 | 2.00 | 12.4 | 2.00 | 17.6 | 2.00 | 17.5 | 2.00 | 20.1 | 2.00 | 18.7 | 2.00 | 22.7 | 2.00 | 22.0 | 2.00 | 18.2 | 2.00 | 15.2 | 2.00 | 13.4 | 2.00 | 10.6 | 2.00 | 7.4 |
| 3.00 | 9.4 | 3.00 | 12.1 | 3.00 | 17.6 | 3.00 | 17.5 | 3.00 | 20.1 | 3.00 | 18.7 | 3.00 | 22.2 | 3.00 | 21.6 | 3.00 | 18.2 | 3.00 | 15.2 | 3.00 | 13.5 | 3.00 | 10.6 | 3.00 | 7.4 |
| 4.00 | 9.3 | 3.25 | 11.0 | 3.25 | 16.2 | 4.00 | 17.3 | 3.25 | 20.1 | 4.00 | 18.6 | 3.25 | 21.7 | 4.00 | 20.8 | 4.00 | 18.1 | 4.00 | 15.2 | 4.00 | 13.3 | 4.00 | 10.6 | 4.00 | 7.4 |
| 4.25 | 9.0 | 3.50 | 10.5 | 3.50 | 14.7 | 4.25 | 14.2 | 3.50 | 20.1 | 4.25 | 18.5 | 3.50 | 21.1 | 4.25 | 19.5 | 5.00 | 17.9 | 5.00 | 15.2 | 5.00 | 13.2 | 5.00 | 10.7 | 5.00 | 7.4 |
| 4.75 | 8.9 | 3.75 | 10.1 | 3.75 | 13.2 | 4.50 | 12.1 | 3.75 | 19.7 | 4.50 | 17.5 | 3.75 | 20.1 | 4.50 | 17.8 | 5.25 | 16.6 | 5.25 | 15.2 | 6.00 | 13.0 | 6.00 | 10.7 | 6.00 | 7.4 |
| 5.00 | 7.5 | 4.00 | 9.8 | 4.00 | 12.5 | 4.75 | 11.4 | 4.00 | 18.0 | 4.75 | 15.5 | 4.00 | 19.5 | 4.75 | 16.5 | 5.50 | 15.0 | 5.50 | 15.2 | 6.25 | 12.5 | 7.00 | 10.6 | 7.00 | 7.4 |
| 5.25 | 6.7 | 4.25 | 9.3 | 4.25 | 11.5 | 5.00 | 10.8 | 4.25 | 16.8 | 5.00 | 14.1 | 4.25 | 18.9 | 5.00 | 14.9 | 5.75 | 13.0 | 5.75 | 14.9 | 6.50 | 12.4 | 8.00 | 9.8 | 8.00 | 7.4 |
| 5.50 | 6.7 | 4.50 | 9.1 | 4.50 | 10.6 | 5.25 | 10.2 | 4.50 | 15.3 | 5.25 | 12.8 | 4.50 | 17.7 | 5.25 | 13.8 | 6.00 | 11.9 | 6.00 | 14.0 | 6.75 | 12.1 | 8.25 | 9.0 | 9.00 | 7.3 |
| 5.75 | 6.5 | 4.75 | 8.8 | 4.75 | 10.1 | 5.50 | 9.7 | 4.75 | 13.9 | 5.50 | 11.7 | 4.75 | 16.1 | 5.50 | 12.2 | 6.25 | 11.0 | 6.25 | 12.5 | 7.00 | 11.7 | 8.50 | 8.1 | 10.00 | 7.3 |
| 6.00 | 6.4 | 5.00 | 8.5 | 5.00 | 9.5 | 5.75 | 9.2 | 5.00 | 12.5 | 5.75 | 10.6 | 5.00 | 15.0 | 5.75 | 11.9 | 6.50 | 10.2 | 6.50 | 11.4 | 7.25 | 10.3 | 8.75 | 7.5 | 11.00 | 7.1 |
| 7.00 | 6.2 | 5.25 | 8.1 | 5.50 | 8.8 | 6.00 | 8.8 | 5.25 | 11.6 | 6.00 | 9.9 | 5.25 | 13.9 | 6.00 | 11.4 | 6.75 | 9.7 | 6.75 | 10.5 | 7.50 | 9.0 | 9.00 | 7.2 | 11.50 | 6.8 |
| 8.00 | 6.2 | 5.50 | 7.8 | 5.75 | 8.2 | 6.25 | 8.2 | 5.50 | 10.5 | 6.25 | 9.1 | 5.50 | 12.6 | 6.25 | 10.4 | 7.00 | 9.3 | 7.00 | 8.9 | 7.75 | 8.4 | 9.25 | 6.9 | | |
| 9.00 | 6.0 | 5.75 | 7.5 | 5.75 | 7.9 | 6.50 | 7.9 | 5.75 | 10.0 | 6.50 | 8.5 | 5.75 | 11.6 | 6.50 | 9.9 | 7.25 | 8.8 | 7.25 | 8.6 | 8.00 | 7.7 | 9.50 | 6.7 | | |
| 10.00 | 6.0 | 6.00 | 7.2 | 6.00 | 7.7 | 6.75 | 7.6 | 6.00 | 9.2 | 6.75 | 8.0 | 6.00 | 10.8 | 6.75 | 9.4 | 7.50 | 8.2 | 7.50 | 8.2 | 8.25 | 7.4 | 9.75 | 6.7 | | |
| 11.00 | 5.6 | 7.00 | 6.7 | 6.25 | 7.3 | 7.00 | 7.4 | 6.25 | 8.5 | 7.00 | 7.6 | 6.25 | 10.1 | 7.00 | 9.1 | 7.75 | 7.9 | 7.75 | 7.9 | 8.50 | 7.3 | 10.00 | 6.6 | | |
| 11.75 | 5.4 | 7.00 | 6.3 | 6.50 | 7.1 | 8.00 | 6.7 | 6.50 | 8.4 | 8.00 | 6.8 | 6.50 | 9.6 | 7.25 | 8.7 | 8.00 | 7.7 | 8.00 | 7.7 | 8.75 | 7.0 | 11.00 | 6.4 | | |
| | | 8.00 | 6.1 | 6.75 | 6.9 | 9.00 | 6.2 | 6.75 | 8.0 | 9.00 | 6.4 | 6.75 | 9.2 | 7.50 | 8.2 | 9.00 | 6.9 | 8.25 | 7.2 | 9.00 | 6.7 | 11.50 | 6.2 | | |
| | | 9.00 | 6.1 | 7.00 | 6.8 | 10.00 | 5.9 | 7.00 | 7.6 | 10.00 | 6.1 | 7.00 | 8.8 | 7.75 | 7.9 | 10.00 | 6.5 | 8.50 | 7.1 | 10.00 | 6.4 | | | | |
| | | 10.00 | 6.1 | 8.00 | 6.4 | 11.00 | 5.9 | 8.00 | 6.9 | 11.00 | 6.0 | 7.25 | 8.1 | 8.00 | 7.6 | 11.00 | 6.4 | 8.75 | 7.0 | 11.00 | 6.2 | | | | |
| | | 11.00 | 6.0 | 9.00 | 6.2 | 11.50 | 5.8 | 9.00 | 6.4 | | | 7.50 | 7.9 | 9.00 | 7.0 | 12.00 | 6.3 | 9.00 | 6.8 | 12.00 | 5.9 | | | | |
| | | 11.50 | 5.8 | 10.00 | 6.0 | | | 10.00 | 6.1 | | | 7.75 | 7.7 | 10.00 | 6.7 | | | 10.00 | 6.4 | | | | | | |
| | | | | | | | | 11.00 | 6.0 | | | 8.00 | 7.4 | 11.00 | 6.4 | | | 11.00 | 6.2 | | | | | | |
| | | | | | | | | | | | | 9.00 | 6.5 | 11.50 | 6.1 | | | 11.75 | 6.2 | | | | | | |
| | | | | | | | | | | | | 10.00 | 6.2 | | | | | | | | | | | | |

LAKE# 227 THERMOCLINE DEPTHS FOR 1986

| MAY 6<br>DAY# 126 | | MAY 20<br>DAY# 140 | | JUN 3<br>DAY# 154 | | JUN 17<br>DAY# 168 | | JUL 1<br>DAY# 182 | | JUL 15<br>DAY# 196 | | JUL 29<br>DAY# 210 | | AUG 12<br>DAY# 224 | | AUG 26<br>DAY# 238 | | SEP 9<br>DAY# 252 | | SEP 23<br>DAY# 266 | | OCT 7<br>DAY# 280 | | OCT 28<br>DAY# 301 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 10.9 | 0.00 | 18.3 | 0.00 | 17.5 | 0.00 | 17.9 | 0.00 | 20.6 | 0.00 | 19.7 | 0.00 | 22.7 | 0.00 | 19.7 | 0.00 | 18.1 | 0.00 | 14.9 | 0.00 | 13.0 | 0.00 | 9.6 | 0.00 | 6.7 |
| 1.00 | 10.8 | .25 | 18.0 | 1.00 | 17.0 | 1.00 | 17.6 | 1.00 | 20.6 | 1.00 | 18.9 | 1.00 | 22.8 | 1.00 | 19.7 | 1.00 | 17.9 | 1.00 | 14.8 | 1.00 | 13.0 | 1.00 | 9.5 | 1.00 | 6.7 |
| 2.00 | 8.6 | .50 | 17.6 | 2.00 | 15.9 | 2.00 | 17.2 | 2.00 | 19.6 | 2.00 | 18.2 | 1.25 | 22.5 | 1.00 | 4.2 | 2.00 | 17.9 | 2.00 | 14.6 | 2.00 | 12.6 | 2.00 | 9.4 | 2.00 | 6.7 |
| 3.00 | 7.1 | .75 | 16.9 | 2.25 | 13.1 | 2.25 | 16.7 | 2.25 | 17.7 | 2.25 | 17.6 | 1.50 | 22.4 | 2.00 | 19.0 | 2.00 | 17.9 | 3.00 | 14.5 | 3.00 | 12.2 | 3.00 | 9.4 | 3.00 | 6.6 |
| 4.00 | 6.3 | 1.00 | 16.1 | 2.50 | 11.3 | 2.50 | 14.6 | 2.50 | 16.5 | 2.50 | 17.4 | 1.75 | 22.5 | 2.25 | 19.4 | 3.25 | 16.0 | 4.00 | 13.3 | 4.00 | 11.7 | 4.00 | 9.3 | 4.00 | 6.3 |
| 5.00 | 5.1 | 1.25 | 15.4 | 2.75 | 10.2 | 2.75 | 12.3 | 2.75 | 14.2 | 2.75 | 16.8 | 2.00 | 21.6 | 2.50 | 19.3 | 3.50 | 14.0 | 4.25 | 10.1 | 4.25 | 10.3 | 5.00 | 9.2 | 5.00 | 6.0 |
| 6.00 | 4.3 | 1.50 | 13.6 | 3.00 | 8.5 | 3.00 | 10.5 | 3.00 | 13.2 | 3.00 | 14.5 | 2.25 | 19.4 | 2.75 | 18.6 | 3.75 | 12.8 | 4.50 | 9.4 | 4.50 | 10.1 | 5.25 | 8.3 | 6.00 | 5.8 |
| 7.00 | 4.2 | 1.75 | 13.0 | 3.25 | 7.3 | 3.25 | 9.3 | 3.25 | 11.7 | 3.25 | 13.4 | 2.50 | 18.6 | 3.00 | 16.2 | 4.00 | 11.1 | 4.75 | 8.7 | 4.75 | 9.5 | 5.50 | 7.9 | 7.00 | 5.8 |
| 8.00 | 4.2 | 2.00 | 12.2 | 3.50 | 6.7 | 3.50 | 8.2 | 3.50 | 10.3 | 3.50 | 11.9 | 2.75 | 16.9 | 3.25 | 14.5 | 4.25 | 9.5 | 5.00 | 8.1 | 5.00 | 8.6 | 5.75 | 7.0 | 8.00 | 5.6 |
| 9.00 | 4.2 | 2.25 | 10.7 | 3.75 | 6.1 | 3.75 | 7.7 | 3.75 | 9.1 | 3.75 | 10.4 | 3.00 | 15.6 | 3.50 | 12.8 | 4.50 | 8.8 | 5.25 | 6.9 | 5.25 | 7.0 | 6.00 | 6.4 | 9.00 | 5.0 |
| 10.00 | 4.2 | 2.50 | 10.3 | 4.00 | 5.8 | 4.00 | 6.9 | 4.00 | 7.8 | 4.00 | 9.3 | 3.25 | 13.2 | 3.75 | 11.8 | 4.75 | 7.5 | 5.50 | 6.6 | 5.50 | 6.8 | 6.25 | 5.7 | 10.00 | 4.7 |
| | | 2.75 | 9.1 | 4.25 | 5.4 | 4.25 | 6.2 | 4.25 | 6.9 | 4.25 | 7.0 | 3.50 | 12.4 | 4.00 | 10.4 | 5.00 | 6.9 | 5.75 | 6.3 | 5.75 | 6.3 | 6.50 | 5.6 | | |
| | | 3.00 | 8.6 | 4.50 | 5.1 | 4.50 | 5.9 | 4.50 | 6.4 | 4.50 | 6.7 | 3.75 | 11.1 | 4.25 | 8.9 | 5.25 | 6.0 | 6.00 | 6.1 | 6.00 | 5.9 | 6.75 | 5.2 | | |
| | | 3.25 | 7.7 | 4.75 | 4.9 | 4.75 | 5.7 | 4.75 | 6.0 | 4.75 | 6.3 | 4.00 | 9.4 | 4.50 | 8.5 | 5.50 | 5.8 | 7.00 | 5.2 | 7.00 | 5.0 | 7.00 | 5.1 | | |
| | | 3.50 | 7.3 | 5.00 | 4.7 | 5.00 | 5.4 | 5.00 | 5.6 | 5.00 | 5.9 | 4.25 | 8.0 | 4.75 | 7.1 | 5.75 | 5.5 | 8.00 | 4.7 | 8.00 | 5.6 | 8.00 | 4.7 | | |
| | | 3.75 | 7.0 | 6.00 | 4.2 | 6.00 | 4.7 | 6.00 | 4.9 | 6.00 | 4.9 | 4.50 | 7.3 | 5.00 | 6.6 | 6.00 | 5.1 | 9.00 | 4.6 | 9.00 | 4.4 | 9.00 | 4.6 | | |
| | | 4.00 | 6.5 | 7.00 | 4.1 | 7.00 | 4.5 | 7.00 | 4.5 | 7.00 | 4.6 | 4.75 | 6.7 | 5.25 | 5.8 | 7.00 | 4.7 | 10.00 | 4.5 | 10.00 | 4.4 | 10.00 | 4.5 | | |
| | | 5.00 | 5.5 | 8.00 | 4.0 | 8.00 | 4.4 | 8.00 | 4.3 | 8.00 | 4.4 | 5.00 | 6.3 | 5.50 | 5.6 | 8.00 | 4.5 | | | | | | | | |
| | | 6.00 | 4.8 | 9.00 | 3.9 | 9.00 | 4.3 | 9.00 | 4.2 | 9.00 | 4.3 | 5.25 | 5.4 | 5.75 | 5.4 | 9.00 | 4.4 | | | | | | | | |
| | | 7.00 | 4.6 | 10.00 | 3.9 | 10.00 | 4.3 | 10.00 | 4.2 | 10.00 | 4.3 | 5.50 | 5.2 | 6.00 | 5.1 | 10.00 | 4.3 | | | | | | | | |
| | | 8.00 | 4.5 | | | | | | | | | 5.75 | 5.1 | 7.00 | 4.6 | | | | | | | | | | |
| | | 9.00 | 4.5 | | | | | | | | | 6.00 | 5.0 | 8.00 | 4.4 | | | | | | | | | | |
| | | 10.00 | 4.4 | | | | | | | | | 7.00 | 4.5 | 9.00 | 4.3 | | | | | | | | | | |
| | | | | | | | | | | | | 8.00 | 4.4 | | | | | | | | | | | | |
| | | | | | | | | | | | | 9.00 | 4.3 | | | | | | | | | | | | |
| | | | | | | | | | | | | 10.00 | 4.3 | | | | | | | | | | | | |

LAKE# 239 TEMPERATURE PROFILES FOR 1986

| MAY 20 DAY# 140 | | JUN 4 DAY# 155 | | JUN 17 DAY# 168 | | JUL 2 DAY# 183 | | JUL 15 DAY# 196 | | JUL 30 DAY# 211 | | AUG 12 DAY# 224 | | AUG 27 DAY# 239 | | SEP 9 DAY# 252 | | SEP 24 DAY# 267 | | OCT 7 DAY# 280 | | OCT 30 DAY# 303 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 12.3 | 0.00 | 16.7 | 0.00 | 17.0 | 0.00 | 19.3 | 0.00 | 19.3 | 0.00 | 22.8 | 0.00 | 20.2 | 0.00 | 18.0 | 0.00 | 15.1 | 0.00 | 14.0 | 0.00 | 10.8 | 0.00 | 6.7 |
| 1.00 | 12.3 | 1.00 | 16.7 | 1.00 | 16.7 | 1.00 | 19.3 | 1.00 | 19.3 | 1.00 | 22.8 | 1.00 | 20.2 | 1.00 | 18.0 | 1.00 | 15.1 | 1.00 | 13.8 | 1.00 | 10.7 | 1.00 | 6.7 |
| 2.00 | 12.2 | 2.00 | 16.7 | 2.00 | 16.7 | 2.00 | 19.3 | 2.00 | 19.2 | 2.00 | 22.8 | 2.00 | 20.2 | 2.00 | 18.0 | 2.00 | 15.1 | 2.00 | 13.7 | 2.00 | 10.7 | 2.00 | 6.6 |
| 3.00 | 11.7 | 3.00 | 16.7 | 3.00 | 16.7 | 3.00 | 19.3 | 3.00 | 18.9 | 3.00 | 22.8 | 3.00 | 20.2 | 3.00 | 18.0 | 3.00 | 15.1 | 3.00 | 13.7 | 3.00 | 10.7 | 3.00 | 6.6 |
| 4.00 | 11.2 | 4.00 | 15.9 | 4.00 | 16.6 | 4.00 | 19.3 | 4.00 | 18.8 | 4.00 | 22.7 | 4.00 | 20.2 | 4.00 | 18.0 | 4.00 | 15.1 | 4.00 | 13.5 | 4.00 | 10.7 | 4.00 | 6.6 |
| 4.25 | 11.0 | 4.25 | 15.3 | 5.00 | 16.4 | 4.25 | 19.1 | 5.00 | 18.6 | 4.25 | 22.6 | 5.00 | 20.2 | 5.00 | 18.0 | 5.00 | 15.1 | 5.00 | 13.4 | 5.00 | 10.7 | 5.00 | 6.6 |
| 4.50 | 10.9 | 4.50 | 13.2 | 5.25 | 15.6 | 4.50 | 19.2 | 5.25 | 17.8 | 4.50 | 21.3 | 5.25 | 20.0 | 6.00 | 18.0 | 6.00 | 15.1 | 6.00 | 13.3 | 6.00 | 10.7 | 6.00 | 6.6 |
| 4.75 | 10.0 | 4.75 | 11.4 | 5.50 | 12.9 | 4.75 | 18.3 | 5.50 | 17.9 | 4.75 | 20.3 | 5.50 | 20.1 | 6.25 | 18.0 | 7.00 | 15.1 | 7.00 | 13.2 | 7.00 | 10.7 | 7.00 | 6.6 |
| 5.00 | 9.7 | 5.00 | 10.2 | 5.75 | 11.6 | 5.00 | 17.2 | 5.75 | 17.4 | 5.00 | 19.2 | 5.75 | 19.0 | 6.50 | 16.9 | 7.25 | 14.8 | 8.00 | 13.2 | 8.00 | 10.6 | 8.00 | 6.6 |
| 5.25 | 9.0 | 5.25 | 10.1 | 6.00 | 11.0 | 5.25 | 15.9 | 6.00 | 15.7 | 5.00 | 23.0 | 6.00 | 18.3 | 6.75 | 15.5 | 7.50 | 14.8 | 8.25 | 12.4 | 9.00 | 10.6 | 9.00 | 6.6 |
| 5.50 | 9.0 | 5.50 | 9.9 | 6.25 | 9.9 | 5.50 | 15.0 | 6.25 | 14.0 | 5.25 | 18.3 | 6.25 | 15.7 | 7.00 | 13.2 | 7.75 | 14.6 | 8.50 | 12.3 | 10.00 | 10.2 | 10.00 | 6.6 |
| 5.75 | 8.6 | 5.75 | 9.6 | 6.50 | 9.2 | 5.75 | 14.1 | 6.50 | 12.7 | 5.50 | 17.9 | 6.50 | 14.8 | 7.25 | 13.1 | 8.00 | 13.2 | 8.75 | 11.8 | 10.25 | 9.1 | 11.00 | 6.5 |
| 6.00 | 8.4 | 6.00 | 9.4 | 6.75 | 8.7 | 6.00 | 12.7 | 6.75 | 11.3 | 5.75 | 16.6 | 6.75 | 13.4 | 7.50 | 11.9 | 8.25 | 11.0 | 9.00 | 11.0 | 10.50 | 8.8 | 12.00 | 6.5 |
| 7.00 | 7.8 | 6.25 | 9.2 | 7.00 | 8.4 | 6.25 | 11.7 | 7.00 | 10.4 | 6.00 | 15.3 | 7.00 | 12.5 | 7.75 | 10.4 | 8.50 | 9.8 | 9.25 | 9.2 | 10.75 | 8.1 | 13.00 | 6.5 |
| 8.00 | 7.5 | 6.50 | 9.0 | 8.00 | 7.6 | 6.50 | 10.4 | 7.25 | 9.4 | 6.25 | 14.6 | 7.25 | 11.9 | 8.00 | 9.7 | 8.75 | 9.0 | 9.50 | 9.0 | 11.00 | 7.6 | 14.00 | 6.5 |
| 9.00 | 7.2 | 6.75 | 8.5 | 9.00 | 7.2 | 6.75 | 9.6 | 7.50 | 8.8 | 6.50 | 13.4 | 7.50 | 10.9 | 8.25 | 9.4 | 9.00 | 8.8 | 9.75 | 8.3 | 12.00 | 6.9 | 15.00 | 6.5 |
| 10.00 | 7.0 | 7.00 | 7.9 | 10.00 | 6.9 | 7.00 | 9.0 | 7.75 | 8.6 | 6.75 | 11.7 | 7.75 | 10.4 | 8.50 | 9.2 | 9.25 | 7.4 | 10.00 | 8.2 | 13.00 | 6.5 | 16.00 | 6.4 |
| 11.00 | 6.8 | 8.00 | 7.6 | 11.00 | 6.8 | 7.25 | 8.3 | 8.00 | 8.3 | 7.00 | 11.1 | 8.00 | 10.1 | 8.75 | 8.6 | 9.50 | 7.3 | 11.00 | 7.3 | 14.00 | 6.3 | 17.00 | 6.3 |
| 12.00 | 6.8 | 9.00 | 7.4 | 12.00 | 6.6 | 7.50 | 8.0 | 9.00 | 7.5 | 7.25 | 10.6 | 8.25 | 8.6 | 9.00 | 8.3 | 9.75 | 7.2 | 12.00 | 6.8 | 15.00 | 6.1 | 18.00 | 5.9 |
| 13.00 | 6.5 | 10.00 | 7.2 | 13.00 | 6.4 | 7.75 | 7.9 | 10.00 | 7.1 | 7.50 | 9.8 | 8.50 | 8.3 | 10.00 | 8.1 | 10.00 | 7.1 | 13.00 | 6.6 | 16.00 | 5.9 | 19.00 | 5.4 |
| 14.00 | 6.3 | 11.00 | 7.0 | 14.00 | 6.1 | 8.00 | 7.8 | 11.00 | 6.8 | 7.75 | 9.5 | 8.75 | 8.0 | 11.00 | 7.6 | 11.00 | 6.7 | 14.00 | 6.4 | 17.00 | 5.7 | 20.00 | 4.8 |
| 15.00 | 6.0 | 12.00 | 6.8 | 15.00 | 6.1 | 9.00 | 7.5 | 12.00 | 6.6 | 8.00 | 9.9 | 9.00 | 7.9 | 12.00 | 6.8 | 12.00 | 6.4 | 15.00 | 6.2 | 18.00 | 5.5 | 21.00 | 4.7 |
| 16.00 | 5.5 | 13.00 | 6.6 | 16.00 | 5.6 | 10.00 | 6.9 | 13.00 | 6.4 | 8.25 | 9.6 | 10.00 | 7.2 | 13.00 | 6.5 | 13.00 | 6.2 | 16.00 | 5.9 | 19.00 | 5.4 | 22.00 | 4.6 |
| 17.00 | 5.1 | 14.00 | 6.3 | 17.00 | 5.6 | 11.00 | 6.8 | 14.00 | 6.1 | 8.50 | 8.2 | 11.00 | 7.0 | 14.00 | 6.1 | 14.00 | 6.0 | 17.00 | 5.7 | 20.00 | 5.1 | 23.00 | 4.5 |
| 18.00 | 5.1 | 15.00 | 5.8 | 18.00 | 5.4 | 12.00 | 6.6 | 15.00 | 5.9 | 8.75 | 7.9 | 12.00 | 6.7 | 15.00 | 6.1 | 15.00 | 5.8 | 18.00 | 5.5 | 21.00 | 5.0 | 24.00 | 4.4 |
| 19.00 | 5.0 | 16.00 | 5.6 | 19.00 | 5.3 | 13.00 | 6.3 | 16.00 | 5.7 | 9.00 | 7.7 | 13.00 | 6.5 | 16.00 | 5.8 | 16.00 | 5.6 | 19.00 | 5.4 | 22.00 | 4.8 | 25.00 | 4.4 |
| 20.00 | 5.0 | 17.00 | 5.5 | 20.00 | 5.2 | 14.00 | 6.2 | 17.00 | 5.4 | 10.00 | 7.1 | 14.00 | 6.3 | 17.00 | 5.7 | 17.00 | 5.4 | 20.00 | 5.2 | 23.00 | 4.8 | 26.00 | 4.4 |
| 21.00 | 4.9 | 18.00 | 5.3 | 21.00 | 5.0 | 15.00 | 6.0 | 18.00 | 5.2 | 11.00 | 6.9 | 15.00 | 6.1 | 18.00 | 5.5 | 18.00 | 5.1 | 21.00 | 5.0 | 24.00 | 4.7 | 27.00 | 4.4 |
| 22.00 | 4.8 | 19.00 | 5.0 | 22.00 | 4.9 | 16.00 | 5.8 | 19.00 | 5.1 | 12.00 | 6.7 | 16.00 | 5.8 | 19.00 | 5.4 | 19.00 | 5.0 | 22.00 | 4.9 | 25.00 | 4.7 | 28.00 | 4.3 |
| 23.00 | 4.8 | 20.00 | 5.0 | 23.00 | 4.9 | 17.00 | 5.6 | 20.00 | 5.0 | 13.00 | 6.5 | 17.00 | 5.6 | 20.00 | 5.1 | 20.00 | 4.8 | 23.00 | 4.9 | 26.00 | 4.6 | 29.00 | 4.3 |
| 24.00 | 4.8 | 21.00 | 4.9 | 24.00 | 4.8 | 18.00 | 5.4 | 21.00 | 4.9 | 14.00 | 6.2 | 18.00 | 5.5 | 21.00 | 5.0 | 21.00 | 4.8 | 24.00 | 4.8 | 27.00 | 4.6 | 30.00 | 4.3 |
| 25.00 | 4.8 | 22.00 | 4.9 | 25.00 | 4.7 | 19.00 | 5.2 | 22.00 | 4.8 | 15.00 | 6.0 | 19.00 | 5.4 | 22.00 | 4.9 | 22.00 | 4.7 | 25.00 | 4.8 | 28.00 | 4.6 | | |
| 26.00 | 4.7 | 23.00 | 4.8 | 26.00 | 4.7 | 20.00 | 5.0 | 23.00 | 4.8 | 16.00 | 5.8 | 20.00 | 5.2 | 23.00 | 4.8 | 23.00 | 4.6 | 26.00 | 4.7 | 29.00 | 4.6 | | |
| 27.00 | 4.7 | 24.00 | 4.7 | 27.00 | 4.7 | 21.00 | 5.0 | 24.00 | 4.8 | 17.00 | 5.7 | 21.00 | 5.0 | 24.00 | 4.8 | 24.00 | 4.6 | 27.00 | 4.7 | 30.00 | 4.6 | | |
| 28.00 | 4.7 | 25.00 | 4.7 | 28.00 | 4.7 | 22.00 | 4.9 | 25.00 | 4.7 | 18.00 | 5.5 | 22.00 | 4.9 | 25.00 | 4.8 | 25.00 | 4.5 | 28.00 | 4.7 | | | | |
| 29.00 | 4.7 | 26.00 | 4.7 | 29.00 | 4.7 | 23.00 | 4.8 | 26.00 | 4.7 | 19.00 | 5.4 | 23.00 | 4.8 | 26.00 | 4.7 | 26.00 | 4.5 | 29.00 | 4.7 | | | | |
| 30.00 | 4.6 | 27.00 | 4.7 | 30.00 | 4.6 | 24.00 | 4.8 | 27.00 | 4.6 | 20.00 | 5.1 | 24.00 | 4.7 | 27.00 | 4.7 | 27.00 | 4.4 | 30.00 | 4.7 | | | | |
| | | 28.00 | 4.7 | | | 25.00 | 4.7 | 28.00 | 4.6 | 21.00 | 5.0 | 25.00 | 4.7 | 28.00 | 4.7 | 28.00 | 4.4 | | | | | | |
| | | 29.00 | 4.7 | | | 26.00 | 4.7 | 29.00 | 4.6 | 22.00 | 5.0 | 26.00 | 4.7 | 29.00 | 4.7 | 29.00 | 4.4 | | | | | | |
| | | 30.00 | 4.6 | | | 27.00 | 4.7 | 30.00 | 4.6 | 24.00 | 4.9 | 27.00 | 4.7 | 30.00 | 4.7 | 30.00 | 4.4 | | | | | | |
| | | 30.50 | 4.6 | | | 28.00 | 4.6 | | | 25.00 | 4.8 | 28.00 | 4.7 | | | | | | | | | | |
| | | | | | | 29.00 | 4.6 | | | 26.00 | 4.8 | 29.00 | 4.6 | | | | | | | | | | |
| | | | | | | 30.00 | 4.6 | | | 27.00 | 4.8 | | | | | | | | | | | | |
| | | | | | | | | | | 28.00 | 4.7 | | | | | | | | | | | | |
| | | | | | | | | | | 29.00 | 4.7 | | | | | | | | | | | | |
| | | | | | | | | | | 29.50 | 4.7 | | | | | | | | | | | | |

LAKE# 240 TEMPERATURE PROFILES FOR 1996

| MAY 7 DAY# 127 | | MAY 21 DAY# 141 | | JUN 4 DAY# 155 | | JUN 18 DAY# 169 | | JUL 2 DAY# 183 | | JUL 16 DAY# 197 | | JUL 30 DAY# 211 | | AUG 13 DAY# 225 | | AUG 27 DAY# 239 | | SEP 10 DAY# 253 | | SEP 24 DAY# 267 | | OCT 8 DAY# 281 | | OCT 14 DAY# 287 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 8.6 | 0.00 | 14.0 | 0.00 | 17.2 | 0.00 | 19.1 | 0.00 | 19.3 | 0.00 | 21.0 | 0.00 | 22.8 | 0.00 | 20.2 | 0.00 | 17.6 | 0.00 | 16.0 | 0.00 | 13.8 | 0.00 | 10.1 | 0.00 | 8.0 |
| 1.00 | 8.6 | 1.00 | 14.0 | 1.00 | 17.2 | 1.00 | 19.2 | 1.00 | 19.5 | 1.00 | 21.0 | 1.00 | 22.8 | 1.00 | 20.4 | 1.00 | 17.6 | 1.00 | 16.1 | 1.00 | 13.6 | 1.00 | 10.2 | 1.00 | 7.9 |
| 2.00 | 8.6 | 2.00 | 13.4 | 2.00 | 17.2 | 2.00 | 18.5 | 2.00 | 19.5 | 2.00 | 20.1 | 2.00 | 22.8 | 2.00 | 20.2 | 2.00 | 17.7 | 2.00 | 16.1 | 2.00 | 13.6 | 2.00 | 10.2 | 2.00 | 7.9 |
| 3.00 | 8.6 | 3.00 | 13.1 | 3.00 | 17.1 | 3.00 | 18.3 | 3.00 | 19.5 | 3.00 | 19.5 | 3.00 | 22.8 | 3.00 | 20.2 | 3.00 | 17.7 | 3.00 | 16.1 | 3.00 | 13.6 | 3.00 | 10.2 | 3.00 | 7.9 |
| 4.00 | 8.6 | 4.00 | 12.4 | 4.00 | 16.5 | 4.00 | 18.0 | 4.00 | 19.4 | 4.00 | 19.0 | 4.00 | 22.7 | 4.00 | 20.2 | 4.00 | 17.8 | 4.00 | 16.1 | 4.00 | 13.5 | 4.00 | 10.2 | 4.00 | 7.9 |
| 5.00 | 8.6 | 5.00 | 11.6 | 4.25 | 15.7 | 5.00 | 17.7 | 4.25 | 19.3 | 5.00 | 18.7 | 4.25 | 22.2 | 5.00 | 20.2 | 5.00 | 17.8 | 5.00 | 16.0 | 5.00 | 13.5 | 5.00 | 10.2 | 5.00 | 7.9 |
| 6.00 | 8.5 | 5.25 | 10.9 | 4.50 | 15.3 | 5.25 | 17.1 | 4.50 | 19.0 | 5.25 | 18.2 | 4.50 | 21.3 | 5.25 | 20.0 | 6.00 | 17.7 | 6.00 | 16.0 | 6.00 | 13.3 | 6.00 | 10.2 | 6.00 | 7.9 |
| 7.00 | 8.0 | 5.50 | 10.6 | 4.75 | 14.5 | 5.50 | 16.8 | 4.75 | 18.7 | 5.50 | 18.2 | 4.75 | 20.3 | 5.50 | 19.9 | 7.00 | 17.1 | 7.00 | 15.8 | 7.00 | 13.2 | 7.00 | 10.2 | 7.00 | 7.9 |
| 8.00 | 7.7 | 5.75 | 10.3 | 5.00 | 13.0 | 5.75 | 14.5 | 5.00 | 18.4 | 5.75 | 18.0 | 5.00 | 19.3 | 5.75 | 19.3 | 7.25 | 15.8 | 8.00 | 15.7 | 8.00 | 13.3 | 8.00 | 10.2 | 8.00 | 7.9 |
| 9.00 | 7.3 | 6.00 | 10.1 | 5.25 | 12.1 | 6.00 | 13.1 | 5.25 | 18.1 | 6.00 | 17.2 | 5.25 | 18.9 | 6.00 | 18.0 | 7.50 | 13.3 | 8.25 | 15.2 | 9.00 | 12.7 | 9.00 | 10.2 | 9.00 | 7.9 |
| 10.00 | 6.8 | 7.00 | 9.3 | 5.50 | 12.0 | 6.25 | 11.8 | 5.50 | 15.8 | 6.25 | 15.6 | 5.50 | 18.4 | 6.25 | 16.8 | 7.75 | 12.7 | 8.50 | 14.9 | 9.25 | 12.2 | 10.00 | 10.1 | 10.00 | 7.9 |
| 11.00 | 6.6 | 8.00 | 8.9 | 5.75 | 11.5 | 6.50 | 11.1 | 5.75 | 15.1 | 6.50 | 14.0 | 5.75 | 17.7 | 6.50 | 15.8 | 8.00 | 11.7 | 8.75 | 13.9 | 9.50 | 12.2 | 11.00 | 10.1 | 11.00 | 7.9 |
| 12.00 | 6.5 | 9.00 | 8.5 | 6.00 | 10.4 | 6.75 | 10.8 | 6.00 | 14.2 | 6.75 | 12.5 | 6.00 | 16.7 | 6.75 | 14.0 | 8.25 | 11.0 | 9.00 | 12.4 | 9.75 | 11.8 | 12.00 | 10.0 | 12.00 | 7.9 |
| 13.00 | 6.4 | 10.00 | 8.2 | 6.25 | 10.2 | 7.00 | 10.5 | 6.25 | 13.3 | 7.00 | 11.6 | 6.25 | 15.7 | 7.00 | 13.0 | 8.50 | 10.8 | 9.25 | 11.8 | 10.00 | 10.4 | 13.00 | 9.9 | 13.00 | 7.9 |
| 13.50 | 6.3 | 11.00 | 8.0 | 6.50 | 9.9 | 8.00 | 9.9 | 6.50 | 12.4 | 7.25 | 11.0 | 6.50 | 14.8 | 7.25 | 12.7 | 8.75 | 10.4 | 9.50 | 10.9 | 10.25 | 9.3 | | | | |
| | | 12.00 | 7.9 | 6.75 | 9.6 | 9.00 | 9.6 | 6.75 | 11.6 | 7.50 | 10.6 | 6.75 | 14.0 | 7.50 | 12.2 | 9.00 | 10.1 | 9.75 | 10.5 | 10.50 | 9.3 | | | | |
| | | 13.00 | 9.8 | 7.00 | 9.4 | 10.00 | 9.3 | 7.00 | 10.6 | 7.75 | 10.3 | 7.00 | 13.0 | 7.75 | 11.6 | 9.25 | 9.9 | 10.00 | 10.4 | 10.75 | 9.1 | | | | |
| | | 13.50 | 7.6 | 8.00 | 8.8 | 11.00 | 9.1 | 7.25 | 10.2 | 8.00 | 10.1 | 7.25 | 12.7 | 8.00 | 11.0 | 9.50 | 9.7 | 11.00 | 9.6 | 11.00 | 9.0 | | | | |
| | | | | 9.00 | 8.4 | 12.00 | 8.8 | 7.50 | 9.7 | 8.25 | 9.6 | 7.50 | 11.1 | 8.25 | 10.4 | 9.75 | 9.5 | 12.00 | 9.3 | 12.00 | 8.5 | | | | |
| | | | | 10.00 | 8.1 | 13.00 | 8.7 | 7.75 | 9.4 | 8.50 | 9.5 | 7.75 | 10.7 | 8.50 | 10.2 | 10.00 | 9.0 | 13.00 | 9.2 | 13.00 | 8.2 | | | | |
| | | | | 11.00 | 7.9 | | | 8.00 | 9.2 | 8.75 | 9.3 | 8.00 | 10.2 | 8.75 | 9.9 | 11.00 | 8.6 | 13.25 | 9.1 | | | | | | |
| | | | | 12.00 | 7.6 | | | 9.00 | 8.7 | 9.00 | 9.1 | 9.00 | 9.4 | 9.00 | 9.6 | 12.00 | 8.3 | | | | | | | | |
| | | | | 13.00 | 7.6 | | | 10.00 | 8.1 | 10.00 | 8.5 | 10.00 | 8.7 | 10.00 | 9.0 | 13.00 | 8.0 | | | | | | | | |
| | | | | | | | | 11.00 | 8.0 | 11.00 | 8.0 | 11.00 | 8.4 | 11.00 | 8.6 | | | | | | | | | | |
| | | | | | | | | 12.00 | 7.9 | 12.00 | 7.9 | 12.00 | 8.1 | 12.00 | 8.3 | | | | | | | | | | |
| | | | | | | | | 13.00 | 7.9 | 13.00 | 7.8 | 13.00 | 8.0 | 13.00 | 8.1 | | | | | | | | | | |
| | | | | | | | | 13.25 | 7.7 | | | | | | | | | | | | | | | | |

TAK # 260 TEMPERATURE PROFILE FOR 1996

| MAY 14 DAY# 134 | | MAY 26 DAY# 146 | | JUN 11 DAY# 162 | | JUN 23 DAY# 174 | | JUL 8 DAY# 189 | | JUL 21 DAY# 202 | | AUG 5 DAY# 217 | | AUG 18 DAY# 230 | | SEP 3 DAY# 246 | | SEP 15 DAY# 258 | | SEP 30 DAY# 273 | | OCT 8 DAY# 281 | | OCT 27 DAY# 300 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 11.7 | 0.00 | 17.8 | 0.00 | 17.5 | 0.00 | 18.7 | 0.00 | 21.4 | 0.00 | 20.8 | 0.00 | 20.2 | 0.00 | 19.6 | 0.00 | 17.4 | 0.00 | 13.8 | 0.00 | 13.2 | 0.00 | 9.9 | 0.00 | 7.5 |
| 1.00 | 11.6 | 1.00 | 17.5 | 1.00 | 17.6 | 1.00 | 18.9 | 1.00 | 21.4 | 1.00 | 21.3 | 1.00 | 20.2 | 1.00 | 20.4 | 1.00 | 17.4 | 1.00 | 13.8 | 1.00 | 13.2 | 1.00 | 9.9 | 1.00 | 7.5 |
| 2.00 | 11.3 | 2.00 | 17.4 | 2.00 | 17.6 | 2.00 | 18.9 | 2.00 | 21.3 | 2.00 | 21.4 | 2.00 | 20.2 | 2.00 | 20.4 | 2.00 | 17.4 | 2.00 | 13.8 | 2.00 | 13.2 | 2.00 | 9.9 | 2.00 | 7.5 |
| 3.00 | 10.6 | 3.00 | 16.8 | 3.00 | 17.6 | 3.00 | 18.9 | 3.00 | 21.1 | 3.00 | 20.2 | 3.00 | 20.2 | 3.00 | 20.4 | 3.00 | 17.4 | 3.00 | 13.8 | 3.00 | 13.2 | 3.00 | 9.9 | 3.00 | 7.5 |
| 4.00 | 10.0 | 3.25 | 15.8 | 4.00 | 17.6 | 4.00 | 18.9 | 4.00 | 20.6 | 4.00 | 19.5 | 4.00 | 20.2 | 4.00 | 20.4 | 4.00 | 17.4 | 4.00 | 13.8 | 4.00 | 13.2 | 4.00 | 9.9 | 4.00 | 7.5 |
| 5.00 | 9.6 | 3.50 | 15.2 | 4.25 | 17.5 | 4.25 | 18.8 | 5.00 | 20.2 | 5.00 | 19.0 | 5.00 | 20.1 | 5.00 | 20.4 | 5.00 | 17.4 | 5.00 | 13.8 | 5.00 | 13.2 | 5.00 | 9.9 | 5.00 | 7.5 |
| 6.00 | 9.3 | 3.75 | 14.0 | 4.50 | 17.5 | 4.50 | 18.9 | 5.25 | 20.0 | 5.25 | 18.7 | 6.00 | 16.6 | 5.25 | 19.8 | 6.00 | 17.4 | 6.00 | 13.5 | 6.00 | 13.2 | 6.00 | 9.9 | 6.00 | 7.5 |
| 7.00 | 8.9 | 4.00 | 13.3 | 4.75 | 17.5 | 4.75 | 18.9 | 5.50 | 18.3 | 5.50 | 18.4 | 6.25 | 16.3 | 5.50 | 19.8 | 7.00 | 16.8 | 7.00 | 13.5 | 7.00 | 13.2 | 7.00 | 9.9 | 7.00 | 7.5 |
| 8.00 | 8.3 | 4.25 | 13.1 | 5.00 | 15.5 | 5.00 | 17.3 | 5.75 | 16.9 | 5.75 | 18.0 | 6.50 | 15.8 | 5.75 | 19.8 | 7.25 | 16.0 | 7.50 | 15.3 | 8.25 | 13.5 | 8.00 | 12.9 | 8.00 | 9.9 | 8.00 | 7.5 |
| 9.00 | 7.9 | 4.50 | 12.9 | 5.25 | 13.4 | 5.25 | 17.0 | 6.00 | 15.5 | 6.00 | 17.4 | 6.75 | 14.7 | 6.00 | 19.2 | 7.50 | 15.3 | 8.25 | 13.3 | 8.25 | 12.8 | 9.00 | 9.9 | 9.00 | 7.5 |
| 10.00 | 7.5 | 4.75 | 12.4 | 5.50 | 12.1 | 5.50 | 16.6 | 6.25 | 14.7 | 6.25 | 16.5 | 7.00 | 13.4 | 6.25 | 17.8 | 7.75 | 14.7 | 8.50 | 13.0 | 8.50 | 12.7 | 10.00 | 9.9 | 10.00 | 7.5 |
| | | 5.00 | 11.9 | 5.75 | 11.4 | 5.75 | 15.3 | 6.50 | 13.8 | 6.50 | 15.5 | 7.25 | 12.7 | 6.50 | 16.9 | 8.00 | 12.6 | 8.75 | 12.9 | 8.75 | 12.3 | 11.00 | 9.9 | 11.00 | 7.3 |
| | | 5.25 | 11.2 | 6.00 | 10.7 | 6.00 | 14.2 | 6.75 | 13.1 | 6.75 | 14.2 | 7.50 | 11.8 | 6.75 | 15.5 | 8.25 | 11.6 | 9.00 | 11.9 | 9.00 | 11.9 | 12.00 | 9.3 | 12.00 | 7.3 |
| | | 5.50 | 10.9 | 6.25 | 10.3 | 6.25 | 12.7 | 7.00 | 12.7 | 7.00 | 13.3 | 7.75 | 11.4 | 7.00 | 14.6 | 8.50 | 10.9 | 9.25 | 10.5 | 9.25 | 11.0 | 12.25 | 8.7 | 13.00 | 7.3 |
| | | 5.75 | 10.6 | 6.50 | 10.0 | 6.50 | 11.9 | 7.25 | 12.0 | 7.25 | 12.7 | 8.00 | 10.8 | 7.25 | 13.6 | 8.75 | 10.3 | 9.50 | 9.8 | 9.50 | 10.8 | 12.50 | 8.0 | 14.00 | 7.1 |
| | | 6.00 | 10.1 | 6.75 | 9.7 | 6.75 | 11.2 | 7.50 | 11.4 | 7.50 | 12.1 | 8.25 | 9.9 | 7.50 | 13.1 | 9.00 | 9.9 | 9.75 | 9.1 | 9.75 | 10.3 | 12.75 | 7.6 | | |
| | | 7.00 | 9.2 | 7.00 | 9.5 | 7.00 | 10.6 | 7.75 | 10.7 | 7.75 | 11.4 | 8.50 | 9.8 | 7.75 | 12.2 | 9.25 | 9.7 | 10.00 | 8.9 | 10.00 | 9.9 | 13.00 | 7.6 | | |
| | | 8.00 | 8.4 | 8.00 | 8.9 | 7.25 | 10.0 | 8.00 | 10.2 | 8.00 | 10.5 | 8.75 | 9.5 | 8.00 | 11.5 | 9.50 | 9.4 | 11.00 | 7.9 | 10.25 | 9.1 | 14.00 | 7.4 | | |
| | | 9.00 | 8.1 | 9.00 | 7.7 | 7.50 | 9.6 | 8.25 | 9.9 | 8.25 | 9.9 | 9.00 | 9.1 | 8.25 | 10.5 | 9.75 | 8.9 | 12.00 | 7.5 | 10.50 | 8.7 | 14.50 | 7.2 | | |
| | | 10.00 | 7.6 | 9.75 | 7.4 | 7.75 | 9.3 | 8.50 | 9.5 | 8.50 | 9.4 | 10.00 | 10.1 | 8.50 | 10.2 | 10.00 | 8.6 | 13.00 | 7.4 | 10.75 | 8.4 | | | | |
| | | | | | | 8.00 | 9.0 | 8.75 | 9.3 | 8.75 | 9.1 | 11.00 | 7.4 | 8.75 | 10.0 | 11.00 | 8.1 | 14.00 | 7.3 | 11.00 | 8.1 | | | | |
| | | | | | | 9.00 | 8.0 | 9.00 | 8.9 | 9.00 | 8.8 | 12.00 | 7.1 | 9.00 | 9.6 | 12.00 | 7.8 | 14.50 | 7.1 | 12.00 | 7.6 | | | | |
| | | | | | | | | 9.75 | 8.3 | 10.00 | 8.2 | 13.00 | 7.0 | 10.00 | 8.6 | 13.00 | 7.6 | | | 13.00 | 7.4 | | | | |
| | | | | | | | | | | | | 14.00 | 6.9 | 11.00 | 8.1 | 14.00 | 7.5 | | | 14.00 | 7.4 | | | | |
| | | | | | | | | | | | | | | 12.00 | 7.8 | | | | | 14.75 | 7.3 | | | | |
| | | | | | | | | | | | | | | 13.00 | 7.6 | | | | | | | | | | |

DAY# 'CC N THERMOCLINE DEPTHS FOR 1986

| MAY 6 DAY# 126 | | MAY 20 DAY# 140 | | JUN 3 DAY# 154 | | JUN 17 DAY# 168 | | JUL 1 DAY# 182 | | JUL 15 DAY# 196 | | JUL 29 DAY# 210 | | AUG 12 DAY# 224 | | AUG 26 DAY# 238 | | SEP 9 DAY# 252 | | SEP 23 DAY# 266 | | OCT 7 DAY# 280 | | OCT 28 DAY# 301 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 9.6 | 0.00 | 13.2 | 0.00 | 17.4 | 0.00 | 18.0 | 0.00 | 20.4 | 0.00 | 20.6 | 0.00 | 22.6 | 0.00 | 20.1 | 0.00 | 18.7 | 0.00 | 16.1 | 0.00 | 13.6 | 0.00 | 10.7 | 0.00 | 7.4 |
| 1.00 | 9.6 | 1.00 | 13.3 | 1.00 | 17.4 | 1.00 | 17.8 | 1.00 | 20.4 | 1.00 | 19.8 | 1.00 | 23.0 | 1.00 | 20.1 | 1.00 | 18.8 | 1.00 | 15.8 | 1.00 | 13.5 | 1.00 | 10.6 | 1.00 | 7.4 |
| 2.00 | 9.6 | 2.00 | 13.2 | 2.00 | 17.3 | 2.00 | 17.8 | 2.00 | 20.4 | 2.00 | 19.6 | 2.00 | 23.0 | 2.00 | 20.1 | 2.00 | 18.8 | 2.00 | 15.7 | 2.00 | 13.5 | 2.00 | 10.6 | 2.00 | 7.4 |
| 3.00 | 8.9 | 3.00 | 12.4 | 2.25 | 17.3 | 3.00 | 17.6 | 3.00 | 20.1 | 3.00 | 19.1 | 3.00 | 22.7 | 3.00 | 20.1 | 3.00 | 18.8 | 3.00 | 15.6 | 3.00 | 13.5 | 3.00 | 10.6 | 3.00 | 7.4 |
| 4.00 | 8.2 | 3.25 | 11.9 | 2.50 | 17.3 | 4.00 | 17.0 | 3.25 | 19.7 | 4.00 | 18.9 | 4.00 | 20.4 | 4.00 | 19.9 | 4.00 | 18.8 | 4.00 | 15.5 | 4.00 | 13.4 | 4.00 | 10.6 | 4.00 | 7.4 |
| 5.00 | 7.4 | 3.50 | 11.4 | 2.75 | 17.3 | 4.25 | 15.9 | 3.50 | 19.6 | 4.25 | 18.3 | 4.25 | 19.3 | 4.25 | 19.5 | 5.00 | 18.7 | 5.00 | 15.4 | 5.00 | 13.5 | 5.00 | 10.6 | 5.00 | 7.4 |
| 6.00 | 6.7 | 3.75 | 10.7 | 3.00 | 16.8 | 4.50 | 13.8 | 3.75 | 18.9 | 4.50 | 18.2 | 4.50 | 18.7 | 4.50 | 19.9 | 5.25 | 18.1 | 6.00 | 15.4 | 6.00 | 13.2 | 6.00 | 10.6 | 6.00 | 7.4 |
| 7.00 | 6.5 | 4.00 | 10.1 | 3.25 | 15.5 | 4.75 | 12.9 | 4.00 | 17.9 | 4.75 | 17.7 | 4.75 | 17.4 | 4.75 | 19.3 | 5.50 | 17.9 | 6.25 | 14.9 | 7.00 | 13.0 | 7.00 | 10.6 | 7.00 | 7.4 |
| 8.00 | 6.3 | 4.25 | 9.8 | 3.50 | 14.9 | 5.00 | 11.3 | 4.25 | 16.8 | 5.00 | 16.8 | 5.00 | 16.0 | 5.00 | 18.3 | 5.75 | 16.9 | 6.50 | 14.9 | 7.25 | 12.7 | 8.00 | 10.6 | 8.00 | 7.4 |
| 9.00 | 6.2 | 4.50 | 9.7 | 3.75 | 13.3 | 5.25 | 10.6 | 4.50 | 15.7 | 5.25 | 14.7 | 5.25 | 15.0 | 5.25 | 16.9 | 6.00 | 14.9 | 6.75 | 14.6 | 7.50 | 12.4 | 9.00 | 10.0 | 9.00 | 7.4 |
| 10.00 | 6.2 | 4.75 | 9.4 | 4.00 | 12.0 | 5.50 | 10.1 | 4.75 | 14.7 | 5.50 | 13.4 | 5.50 | 14.2 | 5.50 | 15.3 | 6.25 | 13.8 | 7.00 | 13.3 | 7.75 | 11.9 | 9.25 | 8.9 | 10.00 | 7.4 |
| 11.00 | 6.2 | 5.00 | 9.1 | 4.25 | 11.1 | 5.75 | 9.7 | 5.00 | 13.4 | 5.75 | 12.5 | 5.75 | 13.4 | 5.75 | 14.7 | 6.50 | 13.2 | 7.25 | 11.7 | 8.00 | 11.0 | 9.50 | 8.4 | 11.00 | 7.4 |
| 12.00 | 6.1 | 5.25 | 8.8 | 4.50 | 10.7 | 6.00 | 9.1 | 5.25 | 12.3 | 6.00 | 11.6 | 6.00 | 12.5 | 6.00 | 13.1 | 6.75 | 12.1 | 7.50 | 11.1 | 8.25 | 10.4 | 9.75 | 7.6 | 12.00 | 7.4 |
| 13.00 | 6.1 | 5.50 | 7.9 | 4.75 | 10.2 | 6.25 | 8.3 | 5.50 | 11.5 | 6.25 | 11.0 | 6.25 | 11.3 | 6.25 | 12.3 | 7.00 | 10.9 | 7.75 | 10.3 | 8.50 | 8.8 | 10.00 | 7.5 | 13.00 | 7.4 |
| 13.50 | 5.9 | 5.75 | 7.7 | 5.00 | 9.6 | 6.50 | 8.1 | 5.75 | 10.5 | 6.50 | 10.6 | 6.50 | 10.7 | 6.50 | 11.4 | 7.25 | 10.3 | 8.00 | 9.6 | 8.75 | 8.6 | 11.00 | 7.1 | 13.50 | 7.1 |
| | | 6.00 | 7.6 | 5.25 | 9.1 | 6.75 | 7.9 | 6.00 | 9.9 | 6.75 | 10.0 | 6.75 | 10.3 | 6.75 | 11.1 | 7.50 | 9.8 | 8.25 | 8.5 | 9.00 | 8.1 | 12.00 | 6.9 | | |
| | | 8.00 | 6.7 | 5.50 | 8.7 | 7.00 | 7.8 | 6.25 | 9.4 | 7.00 | 9.6 | 7.00 | 9.8 | 7.00 | 10.2 | 7.75 | 9.2 | 8.50 | 8.5 | 10.00 | 7.6 | 13.00 | 6.8 | | |
| | | 9.00 | 6.4 | 5.75 | 8.2 | 8.00 | 7.0 | 6.50 | 8.9 | 7.25 | 9.1 | 7.25 | 9.3 | 7.25 | 9.6 | 8.00 | 9.0 | 8.75 | 8.1 | 11.00 | 7.2 | 13.25 | 6.8 | | |
| | | 10.00 | 6.3 | 6.00 | 7.9 | 8.25 | 6.9 | 6.75 | 8.6 | 7.50 | 8.7 | 7.50 | 9.0 | 7.50 | 9.2 | 8.25 | 8.8 | 9.00 | 7.9 | 12.00 | 7.1 | | | | |
| | | 11.00 | 6.1 | 7.00 | 7.0 | 8.50 | 6.9 | 7.00 | 8.1 | 7.75 | 8.4 | 7.75 | 8.6 | 7.75 | 8.8 | 8.50 | 8.5 | 10.00 | 7.3 | 13.00 | 6.9 | | | | |
| | | 12.00 | 6.1 | 8.00 | 6.5 | 8.75 | 6.9 | 8.00 | 7.3 | 8.00 | 7.9 | 8.00 | 7.9 | 8.00 | 8.2 | 8.75 | 8.0 | 11.00 | 7.0 | | | | | | |
| | | 13.00 | 6.1 | 9.00 | 6.3 | 9.00 | 6.9 | 9.00 | 6.8 | 9.00 | 7.2 | 9.00 | 7.1 | 9.00 | 7.3 | 9.00 | 7.8 | 12.00 | 6.9 | | | | | | |
| | | 13.25 | 6.0 | 10.00 | 6.2 | 10.00 | 6.9 | 10.00 | 6.6 | 10.00 | 6.8 | 10.00 | 6.8 | 10.00 | 7.0 | 10.00 | 7.1 | 13.00 | 6.8 | | | | | | |
| | | | | 11.00 | 6.2 | 11.00 | 6.9 | 11.00 | 6.5 | 11.00 | 6.6 | 11.00 | 6.8 | 11.00 | 6.7 | 11.00 | 6.9 | 13.50 | 6.7 | | | | | | |
| | | | | 12.00 | 6.1 | 12.00 | 6.9 | 12.00 | 6.4 | 12.00 | 6.6 | 12.00 | 6.7 | 12.00 | 6.6 | 12.00 | 6.8 | | | | | | | | |
| | | | | 13.00 | 6.1 | 13.00 | 6.9 | 13.00 | 6.4 | 13.00 | 6.4 | 13.00 | 6.7 | 13.00 | 6.6 | 13.00 | 6.8 | | | | | | | | |
| | | | | | | | | 13.25 | 6.3 | | | | | | | | | | | | | | | | |

LAKE# 302 S TEMPERATURE PROFILES FOR 1996

| MAY 6 DAY# 126 | | MAY 20 DAY# 140 | | JUN 3 DAY# 154 | | JUN 17 DAY# 168 | | JUL 1 DAY# 182 | | JUL 15 DAY# 196 | | JUL 29 DAY# 210 | | AUG 12 DAY# 224 | | AUG 26 DAY# 238 | | SEP 9 DAY# 252 | | SEP 23 DAY# 266 | | OCT 7 DAY# 280 | | OCT 28 DAY# 301 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 9.9 | 0.00 | 13.2 | 0.00 | 18.1 | 0.00 | 17.5 | 0.00 | 22.0 | 0.00 | 20.7 | 0.00 | 22.7 | 0.00 | 20.6 | 0.00 | 18.9 | 0.00 | 16.9 | 0.00 | 14.1 | 0.00 | 11.1 | 0.00 | 7.6 |
| 1.00 | 9.8 | 1.00 | 13.2 | 1.00 | 18.1 | 1.00 | 17.7 | 1.00 | 22.1 | 1.00 | 20.0 | 1.00 | 22.8 | 1.00 | 20.7 | 1.00 | 19.1 | 1.00 | 16.6 | 1.00 | 14.1 | 1.00 | 11.1 | 1.00 | 7.6 |
| 2.00 | 9.7 | 2.00 | 13.2 | 2.00 | 18.0 | 2.00 | 17.7 | 2.00 | 22.1 | 2.00 | 19.8 | 2.00 | 22.8 | 2.00 | 20.7 | 2.00 | 19.1 | 2.00 | 16.2 | 2.00 | 14.0 | 2.00 | 11.1 | 2.00 | 7.6 |
| 3.00 | 9.1 | 3.00 | 12.7 | 3.00 | 18.0 | 3.00 | 17.7 | 3.00 | 22.0 | 3.00 | 19.7 | 3.00 | 22.7 | 3.00 | 20.7 | 3.00 | 19.2 | 3.00 | 16.1 | 3.00 | 14.0 | 3.00 | 11.1 | 3.00 | 7.6 |
| 4.00 | 8.7 | 3.25 | 12.4 | 3.25 | 18.0 | 4.00 | 17.7 | 4.00 | 20.0 | 4.00 | 19.5 | 4.00 | 22.6 | 4.00 | 20.7 | 4.00 | 19.2 | 4.00 | 16.0 | 4.00 | 14.0 | 4.00 | 11.0 | 4.00 | 7.6 |
| 5.00 | 7.8 | 3.50 | 12.0 | 3.50 | 17.6 | 4.25 | 17.3 | 4.25 | 19.7 | 5.00 | 19.3 | 4.25 | 22.0 | 5.00 | 20.6 | 5.00 | 19.3 | 5.00 | 16.0 | 5.00 | 13.9 | 5.00 | 11.0 | 5.00 | 7.6 |
| 6.00 | 7.3 | 3.75 | 11.4 | 3.75 | 16.8 | 4.50 | 17.3 | 4.50 | 19.6 | 5.25 | 18.8 | 4.50 | 21.7 | 6.00 | 20.2 | 6.00 | 19.4 | 6.00 | 16.0 | 6.00 | 13.8 | 6.00 | 11.0 | 6.00 | 7.6 |
| 7.00 | 7.2 | 4.00 | 11.0 | 4.00 | 16.1 | 4.75 | 16.6 | 4.75 | 18.9 | 5.50 | 18.6 | 4.75 | 21.3 | 6.25 | 19.5 | 7.00 | 16.2 | 7.00 | 15.9 | 7.00 | 13.6 | 7.00 | 11.0 | 7.00 | 7.6 |
| 8.00 | 7.1 | 4.25 | 10.6 | 4.25 | 15.1 | 5.00 | 15.7 | 5.00 | 18.3 | 5.75 | 17.8 | 5.00 | 20.8 | 6.50 | 18.3 | 7.25 | 15.0 | 8.00 | 15.5 | 8.00 | 13.6 | 8.00 | 10.9 | 8.00 | 7.6 |
| 9.00 | 6.9 | 4.50 | 10.2 | 4.50 | 13.4 | 5.25 | 13.9 | 5.25 | 17.5 | 6.00 | 17.7 | 5.25 | 20.3 | 6.75 | 16.8 | 7.50 | 13.8 | 8.25 | 13.1 | 9.00 | 12.9 | 9.00 | 10.7 | 9.00 | 7.6 |
| 10.00 | 6.7 | 4.75 | 9.9 | 4.75 | 12.9 | 5.50 | 13.1 | 5.50 | 16.5 | 6.25 | 16.7 | 5.50 | 19.8 | 7.00 | 15.6 | 7.75 | 13.1 | 8.50 | 11.9 | 9.25 | 12.1 | 10.00 | 10.6 | 10.00 | 7.6 |
| | | 5.00 | 9.6 | 5.00 | 11.9 | 5.75 | 12.2 | 5.75 | 15.4 | 6.50 | 15.4 | 5.75 | 19.3 | 7.25 | 14.2 | 8.00 | 12.5 | 8.75 | 11.1 | 9.50 | 10.9 | | | | |
| | | 5.25 | 9.0 | 5.25 | 11.4 | 6.00 | 11.6 | 6.00 | 14.5 | 6.75 | 14.4 | 6.00 | 18.5 | 7.50 | 13.2 | 8.25 | 11.9 | 9.00 | 11.0 | 9.75 | 10.5 | | | | |
| | | 5.50 | 8.9 | 5.50 | 10.9 | 6.25 | 11.8 | 6.25 | 13.6 | 7.00 | 13.4 | 6.25 | 17.9 | 7.75 | 12.6 | 8.50 | 11.3 | 10.00 | 10.1 | 10.00 | 10.2 | | | | |
| | | 5.75 | 8.7 | 5.75 | 10.5 | 6.50 | 11.3 | 6.50 | 12.9 | 7.25 | 12.8 | 6.50 | 16.8 | 8.00 | 12.1 | 8.75 | 10.8 | | | | | | | | |
| | | 6.00 | 8.5 | 6.00 | 10.1 | 6.75 | 10.8 | 6.75 | 12.3 | 7.50 | 12.1 | 6.75 | 15.8 | 8.25 | 11.4 | 9.00 | 10.3 | | | | | | | | |
| | | 7.00 | 7.9 | 6.25 | 9.5 | 7.00 | 10.3 | 7.00 | 11.6 | 7.75 | 11.4 | 7.00 | 14.7 | 8.50 | 10.8 | 10.00 | 9.6 | | | | | | | | |
| | | 8.00 | 7.5 | 6.50 | 9.3 | 8.00 | 9.3 | 7.25 | 10.9 | 8.00 | 10.7 | 7.25 | 13.5 | 8.75 | 10.4 | | | | | | | | | | |
| | | 9.00 | 7.3 | 6.75 | 9.0 | 9.00 | 8.6 | 7.50 | 10.6 | 8.25 | 10.2 | 7.50 | 12.7 | 9.00 | 10.0 | | | | | | | | | | |
| | | 9.60 | 10.3 | 7.00 | 8.8 | 10.00 | 8.2 | 7.75 | 10.1 | 8.50 | 9.8 | 7.75 | 12.3 | 9.50 | 9.4 | | | | | | | | | | |
| | | 10.00 | 7.1 | 7.25 | 8.7 | | | 8.00 | 9.5 | 8.75 | 9.4 | 8.00 | 11.4 | | | | | | | | | | | | |
| | | | | 8.00 | 8.2 | | | 9.00 | 8.8 | 9.00 | 9.3 | 8.25 | 10.7 | | | | | | | | | | | | |
| | | | | 9.00 | 7.8 | | | 10.00 | 8.4 | 10.00 | 8.8 | 8.50 | 10.1 | | | | | | | | | | | | |
| | | | | 10.00 | 7.5 | | | | | | | 8.75 | 9.9 | | | | | | | | | | | | |
| | | | | | | | | | | | | 9.00 | 9.7 | | | | | | | | | | | | |
| | | | | | | | | | | | | 9.25 | 9.5 | | | | | | | | | | | | |
| | | | | | | | | | | | | 9.50 | 9.4 | | | | | | | | | | | | |
| | | | | | | | | | | | | 9.75 | 9.4 | | | | | | | | | | | | |
| | | | | | | | | | | | | 10.00 | 9.1 | | | | | | | | | | | | |

LAKE# 304 TEMPERATURE PROFILES FOR 1986

| MAY 8<br>DAY# 128 | | MAY 22<br>DAY# 142 | | JUN 5<br>DAY# 156 | | JUN 19<br>DAY# 170 | | JUL 3<br>DAY# 184 | | JUL 17<br>DAY# 198 | | JUL 31<br>DAY# 212 | | AUG 14<br>DAY# 226 | | AUG 28<br>DAY# 240 | | SEP 11<br>DAY# 254 | | SEP 25<br>DAY# 268 | | OCT 8<br>DAY# 281 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 10.1 | 0.00 | 16.8 | 0.00 | 17.7 | 0.00 | 21.0 | 0.00 | 20.5 | 0.00 | 22.1 | 0.00 | 22.5 | 0.00 | 20.7 | 0.00 | 15.8 | 0.00 | 15.3 | 0.00 | 15.4 | 0.00 | 8.8 |
| 1.00 | 10.0 | 1.00 | 16.5 | 1.00 | 17.8 | 1.00 | 21.0 | 1.00 | 20.8 | 1.00 | 21.8 | 1.00 | 22.6 | 1.00 | 20.8 | 1.00 | 15.8 | 1.00 | 15.0 | 1.00 | 15.4 | 1.00 | 8.8 |
| 2.00 | 9.9 | 1.25 | 15.6 | 2.00 | 17.7 | 1.25 | 19.4 | 2.00 | 20.7 | 1.25 | 19.7 | 2.00 | 22.7 | 2.00 | 20.7 | 2.00 | 16.1 | 2.00 | 14.9 | 2.00 | 15.4 | 2.00 | 8.8 |
| 3.00 | 7.3 | 1.50 | 15.4 | 2.25 | 16.5 | 1.50 | 18.8 | 2.25 | 20.2 | 1.50 | 19.7 | 2.25 | 22.2 | 3.00 | 20.0 | 3.00 | 17.1 | 3.00 | 14.7 | 3.00 | 14.7 | 3.00 | 8.8 |
| 4.00 | 6.8 | 1.75 | 13.2 | 2.50 | 14.7 | 1.75 | 18.5 | 2.50 | 19.8 | 1.75 | 19.3 | 2.50 | 21.9 | 3.25 | 19.4 | 4.00 | 17.3 | 4.00 | 14.2 | 4.00 | 13.8 | 4.00 | 8.8 |
| 5.00 | 6.5 | 2.00 | 12.9 | 2.75 | 12.5 | 2.00 | 18.3 | 2.75 | 18.7 | 2.00 | 19.0 | 2.75 | 21.3 | 3.50 | 18.6 | | | 4.25 | 14.0 | 5.00 | 13.2 | 5.00 | 8.8 |
| 5.80 | 6.3 | 2.25 | 11.7 | 3.00 | 11.6 | 2.25 | 17.4 | 3.00 | 17.4 | 2.25 | 18.8 | 3.00 | 19.6 | 3.75 | 17.3 | | | 4.50 | 13.9 | 6.00 | 12.6 | 6.00 | 8.7 |
| | | 2.50 | 11.2 | 3.25 | 10.5 | 2.50 | 17.6 | 3.25 | 15.8 | 2.50 | 18.6 | 3.25 | 18.3 | 4.00 | 15.8 | | | 4.75 | 13.5 | | | | |
| | | 2.75 | 10.0 | 3.50 | 9.6 | 2.75 | 16.5 | 3.50 | 13.6 | 2.75 | 18.4 | 3.50 | 17.2 | 4.25 | 13.5 | | | 5.00 | 12.8 | | | | |
| | | 3.00 | 9.3 | 3.75 | 10.2 | 3.00 | 14.9 | 3.75 | 12.5 | 3.00 | 18.1 | 3.75 | 15.6 | 4.50 | 12.7 | | | 5.25 | 12.0 | | | | |
| | | 3.25 | 8.7 | 4.00 | 8.5 | 3.25 | 12.4 | 4.00 | 11.3 | 3.25 | 17.6 | 4.00 | 14.4 | 4.75 | 11.8 | | | 5.50 | 11.0 | | | | |
| | | 3.50 | 8.6 | 4.25 | 8.5 | 3.50 | 11.1 | 4.25 | 9.5 | 3.50 | 16.8 | 4.25 | 11.7 | 5.00 | 11.1 | | | 5.75 | 10.6 | | | | |
| | | 3.75 | 8.1 | 4.25 | 7.8 | 3.75 | 10.2 | 4.50 | 9.2 | 3.75 | 15.8 | 4.50 | 11.4 | 5.25 | 9.9 | | | 6.00 | 10.4 | | | | |
| | | 4.00 | 7.8 | 4.50 | 7.5 | 4.00 | 9.7 | 4.75 | 8.7 | 4.00 | 12.9 | 4.75 | 10.6 | 5.50 | 9.7 | | | | | | | | |
| | | 4.25 | 7.1 | 4.75 | 7.3 | 4.25 | 9.0 | 5.00 | 8.4 | 4.25 | 12.2 | 5.00 | 9.4 | | | | | | | | | | |
| | | 4.50 | 7.0 | 5.00 | 7.1 | 4.50 | 8.7 | 5.25 | 7.7 | 4.50 | 10.6 | 5.25 | 9.2 | | | | | | | | | | |
| | | 4.75 | 6.8 | 6.00 | 6.8 | 4.75 | 8.2 | 5.50 | 7.6 | 4.75 | 10.1 | 5.50 | 9.1 | | | | | | | | | | |
| | | 5.00 | 6.7 | | | 5.00 | 7.9 | 5.75 | 7.6 | 5.00 | 9.4 | 5.75 | 9.2 | | | | | | | | | | |
| | | 5.75 | 6.4 | | | 5.25 | 7.3 | 6.00 | 7.6 | 5.25 | 8.9 | 6.00 | 8.9 | | | | | | | | | | |
| | | | | | | 5.50 | 7.1 | | | 5.50 | 8.6 | | | | | | | | | | | | |
| | | | | | | | | | | 5.75 | 8.6 | | | | | | | | | | | | |

LAKE# 305 TEMPERATURE PROFILES FOR 1986

| MAY 14 DAY# 134 | | MAY 26 DAY# 146 | | JUN 11 DAY# 162 | | JUN 24 DAY# 175 | | JUL 9 DAY# 190 | | JUL 22 DAY# 203 | | AUG 5 DAY# 217 | | AUG 19 DAY# 231 | | SEP 3 DAY# 246 | | SEP 16 DAY# 259 | | SEP 30 DAY# 273 | | OCT 8 DAY# 281 | | OCT 29 DAY# 300 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 10.2 | 0.00 | 15.5 | 0.00 | 17.1 | 0.00 | 17.6 | 0.00 | 20.4 | 0.00 | 21.6 | 0.00 | 20.9 | 0.00 | 21.1 | 0.00 | 17.8 | 0.00 | 14.6 | 0.00 | 13.9 | 0.00 | 11.0 | 0.00 | 8.1 |
| 1.00 | 9.5 | 1.00 | 15.3 | 1.00 | 17.1 | 1.00 | 17.8 | 1.00 | 20.2 | 1.00 | 21.5 | 1.00 | 20.9 | 1.00 | 21.1 | 1.00 | 17.8 | 1.00 | 14.6 | 1.00 | 13.9 | 1.00 | 11.1 | 1.00 | 8.1 |
| 2.00 | 8.7 | 2.00 | 15.0 | 2.00 | 17.1 | 2.00 | 17.9 | 2.00 | 20.2 | 2.00 | 21.3 | 2.00 | 21.0 | 2.00 | 21.0 | 2.00 | 17.8 | 2.00 | 14.6 | 2.00 | 13.9 | 2.00 | 11.2 | 2.00 | 8.1 |
| 3.00 | 7.8 | 3.00 | 14.6 | 3.00 | 17.1 | 3.00 | 18.0 | 3.00 | 19.9 | 3.00 | 21.2 | 3.00 | 21.0 | 3.00 | 21.0 | 3.00 | 17.8 | 3.00 | 14.6 | 3.00 | 13.9 | 3.00 | 11.2 | 3.00 | 8.1 |
| 4.00 | 7.2 | 3.25 | 13.8 | 4.00 | 17.1 | 4.00 | 18.0 | 4.00 | 19.8 | 4.00 | 21.0 | 4.00 | 21.0 | 4.00 | 21.0 | 4.00 | 17.8 | 4.00 | 14.6 | 4.00 | 13.9 | 4.00 | 11.2 | 4.00 | 8.1 |
| 5.00 | 7.1 | 3.50 | 13.8 | 4.25 | 17.0 | 5.00 | 18.0 | 5.00 | 19.7 | 5.00 | 20.0 | 5.00 | 21.0 | 5.00 | 21.0 | 5.00 | 17.8 | 5.00 | 14.6 | 5.00 | 13.9 | 5.00 | 11.3 | 5.00 | 8.1 |
| 6.00 | 7.0 | 3.75 | 13.5 | 4.50 | 17.0 | 5.25 | 17.8 | 6.00 | 19.1 | 5.25 | 19.7 | 6.00 | 21.0 | 6.00 | 20.9 | 6.00 | 17.8 | 6.00 | 14.6 | 6.00 | 13.9 | 6.00 | 11.3 | 6.00 | 8.1 |
| 7.00 | 6.9 | 4.00 | 13.2 | 4.75 | 17.0 | 5.50 | 17.9 | 6.25 | 19.0 | 5.50 | 19.6 | 6.25 | 20.0 | 6.25 | 20.8 | 7.00 | 17.8 | 7.00 | 14.6 | 7.00 | 13.8 | 7.00 | 11.4 | 7.00 | 8.1 |
| 8.00 | 6.8 | 4.25 | 12.4 | 5.00 | 14.6 | 5.75 | 17.8 | 6.50 | 18.2 | 5.75 | 19.4 | 6.50 | 19.4 | 6.50 | 20.5 | 8.00 | 17.5 | 8.00 | 14.5 | 8.00 | 13.8 | 8.00 | 11.4 | 8.00 | 8.1 |
| 9.00 | 6.8 | 4.50 | 12.0 | 5.25 | 13.8 | 6.00 | 16.4 | 6.75 | 17.0 | 6.00 | 19.2 | 6.75 | 18.7 | 6.75 | 20.1 | 8.25 | 17.3 | 9.00 | 14.5 | 9.00 | 13.8 | 9.00 | 11.4 | 9.00 | 8.1 |
| 10.00 | 6.7 | 4.75 | 11.5 | 5.50 | 13.2 | 6.25 | 15.3 | 7.00 | 16.5 | 6.25 | 18.5 | 7.00 | 17.5 | 7.00 | 19.5 | 8.50 | 17.2 | 9.25 | 14.0 | 10.00 | 13.1 | 10.00 | 11.4 | 10.00 | 8.1 |
| 11.00 | 6.5 | 5.00 | 11.0 | 5.75 | 13.0 | 6.50 | 14.9 | 7.25 | 15.3 | 6.50 | 18.4 | 7.25 | 16.1 | 7.25 | 18.6 | 8.75 | 15.7 | 9.50 | 13.4 | 10.25 | 12.3 | 11.00 | 11.3 | 11.00 | 8.1 |
| 12.00 | 6.5 | 5.25 | 10.3 | 6.00 | 12.2 | 6.75 | 13.0 | 7.50 | 13.8 | 6.75 | 17.9 | 7.50 | 14.8 | 7.50 | 17.9 | 9.00 | 13.2 | 9.75 | 12.3 | 10.50 | 11.3 | 11.25 | 9.8 | 12.00 | 8.1 |
| 13.00 | 6.4 | 5.50 | 10.1 | 6.25 | 11.3 | 7.00 | 12.4 | 7.75 | 11.8 | 7.00 | 17.5 | 7.75 | 14.2 | 7.75 | 15.9 | 9.25 | 11.9 | 10.00 | 8.7 | 10.75 | 10.3 | 11.50 | 9.5 | 13.00 | 8.1 |
| 14.00 | 6.3 | 5.75 | 9.7 | 6.50 | 10.6 | 7.25 | 11.4 | 8.00 | 10.7 | 7.25 | 16.6 | 8.00 | 13.3 | 8.00 | 15.0 | 9.50 | 11.0 | 10.25 | 7.9 | 11.00 | 9.5 | 11.75 | 9.0 | 14.00 | 8.1 |
| 15.00 | 6.2 | 6.00 | 9.6 | 6.75 | 10.2 | 7.50 | 10.7 | 8.25 | 10.0 | 7.50 | 15.1 | 8.25 | 12.7 | 8.25 | 13.4 | 9.75 | 10.6 | 10.50 | 7.8 | 11.25 | 9.2 | 12.00 | 8.5 | 15.00 | 7.9 |
| 16.00 | 6.1 | 7.00 | 9.2 | 7.00 | 9.9 | 7.75 | 10.4 | 8.50 | 9.4 | 7.75 | 12.9 | 8.50 | 12.1 | 8.50 | 12.5 | 10.00 | 10.4 | 10.75 | 7.6 | 11.50 | 8.9 | 12.25 | 7.9 | 16.00 | 7.3 |
| 17.00 | 5.5 | 8.00 | 7.9 | 7.25 | 9.5 | 8.00 | 10.0 | 8.75 | 9.1 | 8.00 | 12.3 | 8.75 | 11.1 | 8.75 | 12.0 | 10.25 | 9.4 | 11.00 | 7.4 | 11.75 | 8.7 | 12.50 | 7.6 | 17.00 | 5.9 |
| 18.00 | 5.3 | 9.00 | 7.6 | 7.50 | 9.3 | 8.25 | 9.5 | 9.00 | 8.8 | 8.25 | 11.9 | 9.00 | 10.8 | 9.00 | 11.7 | 10.50 | 9.1 | 12.00 | 6.9 | 12.00 | 8.2 | 12.75 | 7.4 | 18.00 | 5.7 |
| 19.00 | 5.3 | 10.00 | 7.3 | 7.75 | 9.1 | 8.50 | 9.3 | 10.00 | 8.0 | 8.50 | 11.4 | 9.25 | 10.1 | 9.25 | 10.8 | 10.75 | 8.7 | 13.00 | 6.7 | 13.00 | 7.6 | 13.00 | 7.2 | 19.00 | 5.6 |
| 20.00 | 5.2 | 11.00 | 7.1 | 8.00 | 9.1 | 8.75 | 9.2 | 11.00 | 7.3 | 8.75 | 11.0 | 9.50 | 9.8 | 9.50 | 10.3 | 11.00 | 8.5 | 14.00 | 6.3 | 14.00 | 6.8 | 14.00 | 6.7 | 20.00 | 5.5 |
| 21.00 | 5.1 | 12.00 | 6.8 | 9.00 | 8.0 | 9.00 | 8.8 | 12.00 | 6.8 | 9.00 | 9.9 | 9.75 | 9.5 | 9.75 | 9.8 | 12.00 | 7.5 | 15.00 | 6.0 | 15.00 | 6.5 | 15.00 | 6.3 | 21.00 | 5.4 |
| 22.00 | 5.0 | 13.00 | 6.6 | 10.00 | 7.4 | 10.00 | 7.8 | 13.00 | 6.5 | 9.25 | 9.3 | 10.00 | 9.2 | 10.00 | 9.3 | 13.00 | 6.9 | 16.00 | 5.8 | 16.00 | 6.2 | 16.00 | 6.1 | 22.00 | 5.2 |
| 23.00 | 4.9 | 14.00 | 6.4 | 11.00 | 7.0 | 11.00 | 7.4 | 14.00 | 6.3 | 9.50 | 9.1 | 11.00 | 8.2 | 10.25 | 8.7 | 14.00 | 6.5 | 17.00 | 5.4 | 17.00 | 6.0 | 17.00 | 5.8 | 23.00 | 5.2 |
| 24.00 | 4.9 | 15.00 | 6.1 | 12.00 | 6.7 | 12.00 | 6.6 | 15.00 | 6.0 | 9.75 | 9.0 | 12.00 | 7.5 | 10.50 | 8.2 | 15.00 | 6.2 | 18.00 | 5.4 | 18.00 | 5.8 | 18.00 | 5.7 | 24.00 | 5.2 |
| 25.00 | 4.9 | 16.00 | 5.8 | 13.00 | 6.3 | 13.00 | 6.4 | 16.00 | 5.8 | 10.00 | 8.6 | 13.00 | 6.9 | 10.75 | 7.9 | 16.00 | 5.9 | 19.00 | 5.3 | 19.00 | 5.7 | 19.00 | 5.6 | 25.00 | 5.2 |
| 26.00 | 4.9 | 17.00 | 5.7 | 14.00 | 6.1 | 14.00 | 6.3 | 17.00 | 5.7 | 11.00 | 7.7 | 14.00 | 6.6 | 11.00 | 7.8 | 17.00 | 5.8 | 20.00 | 5.1 | 20.00 | 5.5 | 20.00 | 5.5 | 26.00 | 5.1 |
| 27.00 | 4.8 | 18.00 | 5.6 | 15.00 | 6.0 | 15.00 | 6.0 | 18.00 | 5.5 | 12.00 | 7.1 | 15.00 | 6.4 | 12.00 | 7.3 | 18.00 | 5.6 | 21.00 | 5.0 | 21.00 | 5.4 | 21.00 | 5.4 | 27.00 | 5.1 |
| 28.00 | 4.7 | 19.00 | 5.5 | 16.00 | 5.8 | 16.00 | 6.0 | 19.00 | 5.5 | 13.00 | 6.7 | 16.00 | 6.0 | 13.00 | 6.9 | 19.00 | 5.5 | 22.00 | 5.0 | 22.00 | 5.4 | 22.00 | 5.3 | 28.00 | 5.1 |
| 29.00 | 4.6 | 20.00 | 5.5 | 17.00 | 5.6 | 17.00 | 5.8 | 20.00 | 5.4 | 14.00 | 6.3 | 17.00 | 6.0 | 14.00 | 6.6 | 20.00 | 5.4 | 23.00 | 4.9 | 23.00 | 5.2 | 23.00 | 5.3 | 29.00 | 5.1 |
| 30.00 | 4.6 | 21.00 | 5.5 | 18.00 | 5.6 | 18.00 | 5.7 | 21.00 | 5.4 | 15.00 | 6.2 | 18.00 | 5.8 | 15.00 | 6.3 | 21.00 | 5.3 | 24.00 | 4.9 | 24.00 | 5.2 | 24.00 | 5.1 | 30.00 | 5.1 |
| 31.00 | 4.6 | 22.00 | 5.5 | 19.00 | 5.5 | 19.00 | 5.6 | 22.00 | 5.2 | 16.00 | 6.0 | 19.00 | 5.6 | 16.00 | 6.0 | 22.00 | 5.3 | 25.00 | 4.9 | 25.00 | 5.2 | 25.00 | 5.1 | 31.00 | 5.1 |
| | | 23.00 | 5.4 | 20.00 | 5.3 | 20.00 | 5.5 | 23.00 | 5.2 | 17.00 | 5.8 | 20.00 | 5.5 | 17.00 | 5.9 | 23.00 | 5.1 | 26.00 | 4.9 | 26.00 | 5.1 | 26.00 | 5.1 | | |
| | | 24.00 | 5.4 | 21.00 | 5.3 | 21.00 | 5.4 | 24.00 | 5.1 | 18.00 | 5.7 | 21.00 | 5.4 | 18.00 | 5.7 | 24.00 | 5.1 | 27.00 | 4.8 | 27.00 | 5.1 | 27.00 | 5.0 | | |
| | | 25.00 | 5.4 | 22.00 | 5.3 | 22.00 | 5.3 | 25.00 | 5.1 | 19.00 | 5.6 | 22.00 | 5.4 | 19.00 | 5.6 | 25.00 | 5.0 | 28.00 | 4.8 | 28.00 | 5.1 | 28.00 | 5.0 | | |
| | | 26.00 | 5.2 | 23.00 | 5.3 | 23.00 | 5.3 | 26.00 | 5.1 | 20.00 | 5.5 | 23.00 | 5.2 | 20.00 | 5.5 | 26.00 | 5.0 | 29.00 | 4.8 | 29.00 | 5.1 | 29.00 | 5.0 | | |
| | | 27.00 | 5.2 | 24.00 | 5.1 | 24.00 | 5.3 | 27.00 | 5.1 | 21.00 | 5.4 | 24.00 | 5.2 | 21.00 | 5.4 | 27.00 | 5.0 | 30.00 | 4.8 | 30.00 | 5.0 | 30.00 | 5.0 | | |
| | | 28.00 | 5.2 | 25.00 | 5.1 | 25.00 | 5.1 | 28.00 | 5.1 | 22.00 | 5.3 | 25.00 | 5.1 | 22.00 | 5.4 | 28.00 | 5.0 | 31.00 | 4.8 | 31.00 | 5.0 | 31.00 | 5.0 | | |
| | | 29.00 | 5.2 | 26.00 | 5.1 | 26.00 | 5.1 | 29.00 | 5.0 | 23.00 | 5.3 | 26.00 | 5.1 | 23.00 | 5.2 | 29.00 | 4.9 | | | 32.00 | 5.0 | 31.50 | 5.0 | | |
| | | 30.00 | 5.2 | 27.00 | 5.1 | 27.00 | 5.0 | 30.00 | 5.0 | 24.00 | 5.3 | 27.00 | 5.1 | 24.00 | 5.2 | 30.00 | 4.9 | | | | | | | | |
| | | 31.00 | 5.2 | 28.00 | 5.1 | 28.00 | 5.0 | 31.00 | 5.0 | 25.00 | 5.3 | 28.00 | 5.1 | 25.00 | 5.1 | 31.00 | 4.9 | | | | | | | | |
| | | | | 29.00 | 5.1 | 29.00 | 5.0 | | | 26.00 | 5.1 | 29.00 | 5.1 | 26.00 | 5.1 | 32.00 | 4.9 | | | | | | | | |
| | | | | 31.00 | 5.0 | 30.00 | 5.0 | | | 27.00 | 5.1 | 30.00 | 5.0 | 27.00 | 5.0 | | | | | | | | | | |
| | | | | | | 31.00 | 5.0 | | | 28.00 | 5.1 | 31.00 | 5.0 | 28.00 | 5.0 | | | | | | | | | | |
| | | | | | | | | | | 29.00 | 5.1 | | | 29.00 | 5.0 | | | | | | | | | | |
| | | | | | | | | | | 30.00 | 5.1 | | | 30.00 | 5.0 | | | | | | | | | | |
| | | | | | | | | | | 31.00 | 5.1 | | | 31.00 | 5.0 | | | | | | | | | | |
| | | | | | | | | | | | | | | 32.00 | 5.0 | | | | | | | | | | |

LAKE [illegible] THERMOCLINE PROFILES FOR 1986

| MAY 13 DAY# 133 | | MAY 27 DAY# 147 | | JUN 9 DAY# 160 | | JUN 25 DAY# 176 | | JUL 8 DAY# 189 | | JUL 23 DAY# 204 | | AUG 5 DAY# 217 | | AUG 19 DAY# 231 | | SEP 2 DAY# 245 | | SEP 16 DAY# 259 | | SEP 30 DAY# 273 | | OCT 22 DAY# 295 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 10.5 | 0.00 | 20.2 | 0.00 | 18.3 | 0.00 | 18.6 | 0.00 | 19.8 | 0.00 | 21.4 | 0.00 | 20.5 | 0.00 | 21.5 | 0.00 | 17.7 | 0.00 | 14.5 | 0.00 | 13.5 | 0.00 | 8.9 |
| 1.00 | 10.0 | 1.00 | 20.1 | 1.00 | 18.3 | 1.00 | 18.6 | 1.00 | 19.9 | 1.00 | 21.5 | 1.00 | 20.4 | 1.00 | 21.4 | 1.00 | 17.7 | 1.00 | 14.5 | 1.00 | 13.4 | 1.00 | 8.9 |
| 2.00 | 9.8 | 1.25 | 19.2 | 2.00 | 18.2 | 2.00 | 18.6 | 2.00 | 19.9 | 2.00 | 21.5 | 2.00 | 20.4 | 2.00 | 21.3 | 2.00 | 17.7 | 2.00 | 14.5 | 2.00 | 13.4 | 2.00 | 8.8 |
| 3.00 | 9.5 | 1.50 | 18.7 | 3.00 | 18.2 | 3.00 | 18.5 | 3.00 | 19.9 | 3.00 | 21.5 | 3.00 | 20.4 | 3.00 | 21.3 | 3.00 | 17.7 | 3.00 | 14.5 | 3.00 | 13.4 | 3.00 | 8.7 |
| 4.00 | 9.1 | 1.75 | 18.4 | 3.25 | 18.1 | 4.00 | 18.4 | 4.00 | 19.8 | 4.00 | 21.1 | 4.00 | 20.2 | 4.00 | 21.3 | 4.00 | 17.7 | 4.00 | 14.5 | 4.00 | 13.4 | 4.00 | 8.4 |
| 5.00 | 8.4 | 2.00 | 18.1 | 3.50 | 18.0 | 5.00 | 18.3 | 5.00 | 19.7 | 5.00 | 20.2 | 5.00 | 20.2 | 5.00 | 21.3 | 5.00 | 17.7 | 5.00 | 14.5 | 5.00 | 13.4 | 5.00 | 8.2 |
| 6.00 | 7.9 | 2.25 | 17.9 | 3.75 | 18.0 | 5.25 | 17.5 | 6.00 | 18.8 | 5.25 | 19.6 | 6.00 | 19.9 | 6.00 | 21.1 | 6.00 | 17.6 | 6.00 | 14.5 | 6.00 | 13.4 | 6.00 | 8.1 |
| 7.00 | 7.5 | 2.50 | 17.7 | 4.00 | 17.9 | 5.50 | 17.3 | 6.25 | 17.8 | 5.50 | 19.5 | 6.25 | 19.7 | 6.25 | 20.7 | 7.00 | 17.6 | 7.00 | 14.2 | 7.00 | 13.4 | 7.00 | 8.0 |
| 8.00 | 7.3 | 2.75 | 17.3 | 4.25 | 17.7 | 5.75 | 15.8 | 6.50 | 15.9 | 5.75 | 19.3 | 6.50 | 18.7 | 6.50 | 20.5 | 7.25 | 17.5 | 8.00 | 14.2 | 8.00 | 13.4 | 8.00 | 7.9 |
| 9.00 | 7.2 | 3.00 | 16.8 | 4.50 | 17.2 | 6.00 | 13.8 | 6.75 | 14.9 | 6.00 | 19.0 | 6.75 | 17.0 | 6.75 | 20.2 | 7.50 | 17.4 | 9.00 | 14.0 | 9.00 | 13.2 | 9.00 | 7.9 |
| 10.00 | 6.5 | 3.25 | 16.6 | 4.75 | 15.3 | 6.25 | 13.2 | 7.00 | 13.4 | 6.25 | 18.6 | 7.00 | 16.2 | 7.00 | 19.0 | 7.75 | 17.3 | 9.25 | 13.8 | 10.00 | 13.2 | 10.00 | 7.9 |
| 11.00 | 5.3 | 3.50 | 15.8 | 5.00 | 14.5 | 6.50 | 12.4 | 7.25 | 13.0 | 6.50 | 17.7 | 7.25 | 15.3 | 7.25 | 17.7 | 8.00 | 16.6 | 9.50 | 13.3 | 10.25 | 11.2 | 11.00 | 7.8 |
| 12.00 | 5.1 | 3.75 | 15.3 | 5.25 | 13.3 | 6.75 | 12.2 | 7.50 | 12.3 | 6.75 | 15.9 | 7.50 | 13.3 | 7.50 | 16.4 | 8.25 | 15.0 | 9.75 | 12.3 | 10.50 | 10.3 | 12.00 | 7.8 |
| 13.00 | 5.0 | 4.00 | 13.9 | 5.50 | 12.8 | 7.00 | 11.5 | 7.75 | 11.5 | 7.00 | 14.9 | 7.75 | 12.4 | 7.75 | 15.6 | 8.50 | 13.8 | 10.00 | 11.1 | 10.75 | 9.7 | 13.00 | 7.7 |
| 14.00 | 5.0 | 4.25 | 13.2 | 5.75 | 12.0 | 7.25 | 10.8 | 8.00 | 10.9 | 7.25 | 14.0 | 8.00 | 12.0 | 8.00 | 14.2 | 8.75 | 12.8 | 10.25 | 10.2 | 11.00 | 9.6 | 14.00 | 7.5 |
| 15.00 | 5.0 | 4.50 | 12.4 | 6.00 | 11.2 | 7.50 | 10.4 | 8.25 | 10.4 | 7.50 | 13.3 | 8.25 | 11.5 | 8.25 | 13.3 | 9.00 | 11.9 | 10.50 | 9.6 | 11.25 | 8.6 | 15.00 | 7.1 |
| 16.00 | 4.9 | 4.75 | 11.6 | 6.25 | 10.8 | 7.75 | 10.0 | 8.50 | 10.1 | 7.75 | 12.8 | 8.50 | 11.1 | 8.50 | 12.5 | 9.25 | 10.8 | 10.75 | 9.2 | 11.50 | 8.4 | 16.00 | 6.5 |
| 17.00 | 4.8 | 5.00 | 11.0 | 6.50 | 10.4 | 8.00 | 9.8 | 8.75 | 9.7 | 8.00 | 12.4 | 8.75 | 10.6 | 8.75 | 12.0 | 9.50 | 10.2 | 11.00 | 8.8 | 11.75 | 7.9 | 17.00 | 6.0 |
| 18.00 | 4.8 | 5.25 | 10.4 | 6.75 | 10.2 | 8.25 | 9.3 | 9.00 | 8.7 | 8.25 | 12.0 | 9.00 | 10.3 | 9.00 | 11.1 | 9.75 | 10.0 | 11.25 | 7.9 | 12.00 | 7.5 | 18.00 | 5.5 |
| 19.00 | 4.8 | 5.50 | 10.1 | 7.00 | 9.9 | 8.50 | 9.1 | 10.00 | 7.9 | 8.50 | 11.5 | 9.25 | 9.4 | 9.25 | 10.3 | 10.00 | 9.6 | 11.50 | 7.8 | 13.00 | 6.9 | 19.00 | 5.2 |
| 20.00 | 4.7 | 5.75 | 9.9 | 8.00 | 9.0 | 8.75 | 9.0 | 11.00 | 7.2 | 8.75 | 11.1 | 9.50 | 9.3 | 9.50 | 10.2 | 10.25 | 9.1 | 11.75 | 7.7 | 14.00 | 6.5 | 20.00 | 5.1 |
| | | 6.00 | 9.6 | 9.00 | 8.2 | 9.00 | 8.7 | 12.00 | 6.4 | 9.00 | 10.6 | 9.75 | 9.1 | 9.75 | 9.8 | 10.50 | 8.9 | 12.00 | 7.5 | 15.00 | 6.1 | | |
| | | 7.00 | 8.9 | 10.00 | 7.7 | 10.00 | 7.9 | 13.00 | 6.0 | 9.25 | 9.7 | 10.00 | 8.7 | 10.00 | 9.4 | 10.75 | 8.6 | 13.00 | 6.9 | 16.00 | 5.8 | | |
| | | 8.00 | 8.2 | 11.00 | 7.0 | 11.00 | 7.0 | 14.00 | 5.8 | 9.50 | 10.3 | 10.25 | 8.6 | 11.00 | 8.4 | 11.00 | 8.4 | 14.00 | 6.4 | 17.00 | 5.6 | | |
| | | 9.00 | 7.7 | 12.00 | 6.5 | 12.00 | 6.4 | 15.00 | 5.6 | 9.75 | 8.7 | 10.50 | 8.0 | 12.00 | 7.6 | 11.25 | 7.8 | 15.00 | 6.1 | 18.00 | 5.5 | | |
| | | 10.00 | 7.0 | 13.00 | 6.1 | 13.00 | 6.0 | 16.00 | 5.4 | 10.00 | 8.3 | 10.75 | 7.7 | 13.00 | 7.0 | 11.50 | 7.5 | 16.00 | 5.9 | 19.00 | 5.3 | | |
| | | 11.00 | 6.3 | 14.00 | 5.1 | 14.00 | 5.7 | 17.00 | 5.2 | 11.00 | 7.3 | 11.00 | 7.1 | 14.00 | 6.6 | 11.75 | 7.3 | 17.00 | 5.0 | 20.00 | 5.3 | | |
| | | 12.00 | 6.0 | 15.00 | 5.6 | 15.00 | 5.5 | 18.00 | 5.1 | 12.00 | 6.8 | 12.00 | 6.4 | 15.00 | 6.1 | 12.00 | 7.1 | 18.00 | 5.5 | | | | |
| | | 13.00 | 5.8 | 16.00 | 5.4 | 16.00 | 5.4 | 19.00 | 4.9 | 13.00 | 6.4 | 13.00 | 5.9 | 16.00 | 5.9 | 13.00 | 6.4 | 19.00 | 5.4 | | | | |
| | | 14.00 | 5.6 | 17.00 | 5.3 | 17.00 | 5.2 | 20.00 | 4.9 | 14.00 | 6.1 | 14.00 | 5.6 | 17.00 | 5.7 | 14.00 | 6.1 | 20.00 | 5.2 | | | | |
| | | 15.00 | 5.4 | 18.00 | 5.1 | 18.00 | 5.1 | | | 15.00 | 5.9 | 15.00 | 5.3 | 18.00 | 5.6 | 15.00 | 5.7 | | | | | | |
| | | 16.00 | 5.3 | 19.00 | 5.1 | 19.00 | 5.0 | | | 16.00 | 5.6 | 16.00 | 5.1 | 19.00 | 5.5 | 16.00 | 5.5 | | | | | | |
| | | 17.00 | 5.2 | 20.00 | 5.0 | 20.00 | 4.9 | | | 17.00 | 5.5 | 17.00 | 5.0 | 20.00 | 5.4 | 17.00 | 5.3 | | | | | | |
| | | 18.00 | 5.0 | | | | | | | 18.00 | 5.4 | 18.00 | 4.9 | | | 18.00 | 5.1 | | | | | | |
| | | 19.00 | 5.0 | | | | | | | 19.00 | 5.2 | 19.00 | 4.8 | | | 19.00 | 5.1 | | | | | | |
| | | 20.00 | 5.0 | | | | | | | 20.00 | 5.2 | 20.00 | 4.7 | | | 20.00 | 5.0 | | | | | | |

LAKE# 374 TEMPERATURE PROFILES FOR 1996

| MAY 12 DAY# 132 | | MAY 28 DAY# 148 | | JUN 10 DAY# 161 | | JUN 25 DAY# 176 | | JUL 7 DAY# 188 | | JUL 23 DAY# 204 | | AUG 4 DAY# 216 | | AUG 20 DAY# 232 | | SEP 1 DAY# 244 | | SEP 16 DAY# 259 | | SEP 29 DAY# 272 | | OCT 23 DAY# 296 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 6.4 | 0.00 | 17.2 | 0.00 | 16.9 | 0.00 | 18.7 | 0.00 | 18.5 | 0.00 | 21.5 | 0.00 | 20.7 | 0.00 | 20.7 | 0.00 | 18.0 | 0.00 | 14.7 | 0.00 | 13.4 | 0.00 | 9.2 |
| 1.00 | 6.4 | 1.00 | 16.8 | 1.00 | 16.9 | 1.00 | 18.4 | 1.00 | 18.5 | 1.00 | 21.4 | 1.00 | 20.8 | 1.00 | 20.8 | 1.00 | 18.0 | 1.00 | 14.7 | 1.00 | 13.4 | 1.00 | 9.1 |
| 2.00 | 6.4 | 1.25 | 16.1 | 2.00 | 16.9 | 2.00 | 17.8 | 2.00 | 18.5 | 2.00 | 21.4 | 2.00 | 20.8 | 2.00 | 20.8 | 2.00 | 18.1 | 2.00 | 14.7 | 2.00 | 13.4 | 2.00 | 9.1 |
| 3.00 | 6.4 | 1.50 | 15.4 | 3.00 | 16.9 | 3.00 | 17.6 | 3.00 | 18.5 | 3.00 | 21.4 | 3.00 | 20.8 | 3.00 | 20.6 | 3.00 | 18.1 | 3.00 | 14.6 | 3.00 | 13.4 | 3.00 | 9.1 |
| 4.00 | 6.4 | 1.75 | 15.1 | 4.00 | 16.8 | 4.00 | 17.4 | 4.00 | 18.4 | 4.00 | 21.4 | 4.00 | 20.8 | 4.00 | 20.7 | 4.00 | 18.0 | 4.00 | 14.6 | 4.00 | 13.4 | 4.00 | 9.0 |
| 5.00 | 6.4 | 2.00 | 14.6 | 5.00 | 15.9 | 5.00 | 17.4 | 5.00 | 18.4 | 5.00 | 21.3 | 5.00 | 20.8 | 5.00 | 20.7 | 5.00 | 17.8 | 5.00 | 14.6 | 5.00 | 13.4 | 5.00 | 9.0 |
| 6.00 | 6.1 | 2.25 | 14.2 | 6.00 | 15.4 | 6.00 | 17.3 | 6.00 | 18.4 | 5.25 | 20.5 | 6.00 | 20.8 | 6.00 | 20.7 | 6.00 | 17.6 | 6.00 | 14.6 | 6.00 | 13.4 | 6.00 | 9.0 |
| 7.00 | 6.1 | 2.50 | 14.0 | 6.25 | 15.4 | 7.00 | 16.7 | 7.00 | 18.4 | 5.50 | 20.4 | 7.00 | 20.7 | 7.00 | 20.7 | 7.00 | 17.0 | 7.00 | 14.6 | 7.00 | 13.4 | 7.00 | 9.0 |
| 8.00 | 6.1 | 2.75 | 13.9 | 6.50 | 15.3 | 7.25 | 15.2 | 8.00 | 18.4 | 5.75 | 19.9 | 7.25 | 20.7 | 8.00 | 20.5 | 8.00 | 16.7 | 8.00 | 14.6 | 8.00 | 13.4 | 8.00 | 9.0 |
| 9.00 | 6.1 | 3.00 | 13.6 | 6.75 | 13.5 | 7.50 | 13.2 | 9.00 | 18.4 | 6.00 | 19.6 | 7.50 | 20.7 | 9.00 | 20.3 | 8.25 | 16.5 | 9.00 | 14.6 | 9.00 | 13.4 | 9.00 | 8.8 |
| 10.00 | 6.0 | 4.00 | 12.8 | 7.00 | 12.2 | 7.75 | 12.2 | 10.00 | 18.2 | 6.25 | 19.5 | 7.75 | 20.5 | 9.25 | 20.1 | 8.50 | 16.5 | 10.00 | 14.5 | 10.00 | 13.4 | 10.00 | 8.8 |
| 11.00 | 6.0 | 4.25 | 12.0 | 7.25 | 11.5 | 8.00 | 12.1 | 10.25 | 18.0 | 6.50 | 19.4 | 8.00 | 19.0 | 9.50 | 18.6 | 8.75 | 16.1 | 11.00 | 14.5 | 11.00 | 13.4 | 11.00 | 8.8 |
| 12.00 | 5.9 | 4.50 | 11.9 | 7.50 | 10.8 | 8.25 | 12.0 | 10.50 | 15.2 | 6.75 | 19.0 | 8.25 | 18.5 | 9.75 | 17.7 | 9.00 | 15.0 | 12.00 | 14.1 | 12.00 | 13.2 | 12.00 | 8.8 |
| 13.00 | 5.9 | 4.75 | 11.7 | 7.75 | 10.5 | 8.50 | 11.7 | 10.75 | 13.6 | 7.00 | 18.8 | 8.50 | 18.2 | 10.00 | 16.8 | 9.25 | 14.7 | 12.25 | 12.8 | 13.00 | 12.6 | 13.00 | 8.7 |
| 14.00 | 5.9 | 5.00 | 11.1 | 8.00 | 10.0 | 8.75 | 11.1 | 11.00 | 13.0 | 7.25 | 18.7 | 8.75 | 18.1 | 10.25 | 16.4 | 9.50 | 14.6 | 12.50 | 10.7 | 13.25 | 11.9 | 14.00 | 8.7 |
| 15.00 | 5.4 | 6.00 | 10.2 | 8.25 | 9.7 | 9.00 | 10.7 | 11.25 | 12.9 | 7.50 | 18.5 | 9.00 | 17.3 | 10.50 | 15.1 | 9.75 | 14.5 | 12.75 | 9.7 | 13.50 | 11.1 | 15.00 | 8.5 |
| 16.00 | 5.3 | 7.00 | 9.2 | 8.50 | -1.0 | 9.25 | 10.1 | 11.50 | 11.6 | 7.75 | 18.3 | 9.25 | 16.6 | 10.75 | 13.3 | 10.00 | 14.1 | 13.00 | 9.4 | 13.75 | 10.5 | 16.00 | 8.1 |
| 17.00 | 5.3 | 8.00 | 8.8 | 8.75 | 9.4 | 9.50 | 10.1 | 11.75 | 10.2 | 8.00 | 17.8 | 9.50 | 15.7 | 11.00 | 12.4 | 10.25 | 13.4 | 13.25 | 8.6 | 14.00 | 9.8 | 17.00 | 8.0 |
| 18.00 | 5.0 | 9.00 | 8.1 | 9.00 | 8.9 | 9.75 | 10.0 | 12.00 | 9.6 | 8.25 | 17.4 | 9.75 | 15.2 | 11.25 | 11.2 | 10.50 | 13.2 | 13.50 | 8.5 | 14.25 | 9.1 | 18.00 | 7.9 |
| 19.00 | 4.9 | 10.00 | 7.9 | 9.25 | 8.7 | 10.00 | 9.5 | 12.25 | 9.6 | 8.50 | 17.2 | 10.00 | 14.9 | 11.50 | 11.0 | 10.75 | 12.9 | 13.75 | 8.3 | 14.50 | 9.9 | 19.00 | 7.7 |
| 20.00 | 4.9 | 11.00 | 7.6 | 9.50 | 8.6 | 10.25 | 8.7 | 12.50 | 9.2 | 8.75 | 16.8 | 10.25 | 13.9 | 11.75 | 10.8 | 11.00 | 12.0 | 14.00 | 8.0 | 14.75 | 8.5 | 20.00 | 7.5 |
| 21.00 | 4.8 | 12.00 | 7.3 | 9.75 | 8.5 | 10.50 | 8.2 | 12.75 | 8.8 | 9.00 | 15.8 | 10.50 | 12.9 | 12.00 | 10.5 | 11.25 | 11.9 | 15.00 | 7.3 | 15.00 | 7.9 | 21.00 | 7.2 |
| 22.00 | 4.8 | 13.00 | 6.9 | 10.00 | 8.2 | 10.75 | 7.9 | 13.00 | 8.7 | 9.25 | 13.4 | 10.75 | 12.1 | 12.25 | 10.1 | 11.50 | 10.9 | 16.00 | 6.8 | 16.00 | 7.3 | 22.00 | 6.6 |
| 23.00 | 4.7 | 14.00 | 6.7 | 11.00 | 7.5 | 11.00 | 7.5 | 13.25 | 7.9 | 9.50 | 12.8 | 11.00 | 11.5 | 12.50 | 9.7 | 11.75 | 10.1 | 17.00 | 6.5 | 17.00 | 7.0 | 23.00 | 6.3 |
| | | 15.00 | 6.5 | 12.00 | 7.1 | 12.00 | 7.1 | 13.50 | 7.9 | 9.75 | 12.3 | 11.25 | 10.8 | 12.75 | 9.1 | 12.00 | 9.6 | 18.00 | 6.4 | 18.00 | 6.6 | 24.00 | 6.1 |
| | | 16.00 | 6.3 | 13.00 | 6.9 | 13.00 | 6.8 | 13.75 | -1.0 | 10.00 | 11.6 | 11.50 | 10.2 | 13.00 | 8.9 | 13.00 | 8.7 | 19.00 | 6.2 | 19.00 | 6.3 | 25.00 | 6.0 |
| | | 17.00 | 6.2 | 14.00 | 6.6 | 14.00 | 7.6 | 14.00 | 7.6 | 10.25 | 10.6 | 11.75 | 9.7 | 14.00 | 7.9 | 14.00 | 7.8 | 20.00 | 6.0 | 20.00 | 6.2 | 26.00 | 5.8 |
| | | 18.00 | 6.1 | 15.00 | 6.3 | 15.00 | 6.2 | 15.00 | 7.6 | 10.50 | 10.3 | 12.00 | 9.2 | 15.00 | 7.3 | 15.00 | 6.9 | 21.00 | 5.8 | 21.00 | 6.0 | 27.00 | 5.7 |
| | | 19.00 | 5.9 | 16.00 | 6.2 | 16.00 | 6.0 | 16.00 | 7.1 | 10.75 | 9.9 | 13.00 | 9.1 | 16.00 | 7.1 | 16.00 | 6.6 | 22.00 | 5.7 | 22.00 | 5.8 | | |
| | | 20.00 | 5.7 | 17.00 | 6.0 | 17.00 | 5.9 | 17.00 | 7.1 | 11.00 | 9.2 | 14.00 | 7.7 | 17.00 | 7.1 | 17.00 | 6.4 | 23.00 | 5.6 | 23.00 | 5.7 | | |
| | | 21.00 | 5.6 | 18.00 | 5.8 | 18.00 | 5.8 | 18.00 | 6.5 | 11.25 | 9.1 | 15.00 | 7.3 | 18.00 | 6.7 | 18.00 | 6.2 | 24.00 | 5.6 | | | | |
| | | 22.00 | 5.6 | 19.00 | 5.7 | 19.00 | 5.7 | 19.00 | 6.1 | 11.50 | 8.9 | 16.00 | 6.9 | 19.00 | 6.4 | 19.00 | 6.1 | | | | | | |
| | | 23.00 | 5.5 | 20.00 | 5.6 | 20.00 | 5.6 | 20.00 | 6.0 | 11.75 | 8.6 | 17.00 | 6.5 | 20.00 | 6.2 | 20.00 | 5.9 | | | | | | |
| | | 24.00 | 5.5 | 21.00 | 5.5 | 21.00 | 5.6 | 21.00 | 5.9 | 12.00 | 8.2 | 18.00 | 6.3 | 21.00 | 6.1 | 21.00 | 5.8 | | | | | | |
| | | 25.00 | 5.5 | 22.00 | 5.4 | 22.00 | 5.5 | 22.00 | 5.8 | 13.00 | -1.0 | 19.00 | 6.2 | 22.00 | 5.8 | 22.00 | 5.6 | | | | | | |
| | | | | 23.00 | 5.4 | 23.00 | 5.5 | 23.00 | 5.6 | 14.00 | 7.3 | 20.00 | 6.0 | 23.00 | 5.7 | 23.00 | 5.5 | | | | | | |
| | | | | 24.00 | 5.4 | 24.00 | 5.4 | 24.00 | 5.6 | 15.00 | 7.2 | 21.00 | 5.9 | 24.00 | 5.6 | 24.00 | 5.4 | | | | | | |
| | | | | 24.50 | 5.4 | | | 25.00 | 5.5 | 16.00 | 6.6 | 22.00 | 5.8 | 25.00 | 5.5 | 25.00 | 5.4 | | | | | | |
| | | | | | | | | | | 17.00 | 6.4 | | | | | | | | | | | | |
| | | | | | | | | | | 18.00 | 6.2 | | | | | | | | | | | | |
| | | | | | | | | | | 19.00 | 6.1 | | | | | | | | | | | | |
| | | | | | | | | | | 20.00 | 6.0 | | | | | | | | | | | | |
| | | | | | | | | | | 21.00 | 5.7 | | | | | | | | | | | | |
| | | | | | | | | | | 22.00 | 5.5 | | | | | | | | | | | | |

LAKE# 35 TEMPERATURE PROFILES FOR 1986

| MAY 28 DAY# 148 | | JUN 10 DAY# 161 | | JUN 25 DAY# 176 | | JUL 8 DAY# 189 | | AUG 5 DAY# 217 | | AUG 19 DAY# 231 | | SEP 2 DAY# 245 | | SEP 16 DAY# 259 | | SEP 30 DAY# 273 | | OCT 22 DAY# 295 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 21.0 | 0.00 | 18.6 | 0.00 | 19.2 | 0.00 | 20.3 | 0.00 | 20.9 | 0.00 | 21.6 | 0.00 | 20.0 | 0.00 | 13.8 | 0.00 | 13.3 | 0.00 | 10.6 |
| 1.00 | 20.4 | 1.00 | 18.8 | 1.00 | 19.2 | 1.00 | 20.4 | 1.00 | 20.7 | 1.00 | 21.6 | 1.00 | 18.0 | 1.00 | 13.8 | 1.00 | 13.3 | 1.00 | 10.6 |
| 1.25 | 20.0 | 2.00 | 18.8 | 2.00 | 19.1 | 2.00 | 20.5 | 2.00 | 20.6 | 2.00 | 21.4 | 2.00 | 18.0 | 2.00 | 13.8 | 2.00 | 13.3 | 2.00 | 10.5 |
| 1.50 | 19.7 | 3.00 | 18.8 | 3.00 | 19.0 | 3.00 | 20.4 | 3.00 | 20.5 | 3.00 | 21.3 | 3.00 | 17.9 | 3.00 | 13.8 | 3.00 | 13.2 | 3.00 | 10.4 |
| 1.75 | 18.8 | 3.25 | 18.3 | 4.00 | 18.8 | 4.00 | 20.1 | 4.00 | 20.3 | 4.00 | 21.1 | 4.00 | 17.9 | 4.00 | 13.8 | 4.00 | 13.2 | 4.00 | 10.4 |
| 2.00 | 18.2 | 3.50 | 18.2 | 4.25 | 18.0 | 4.25 | 19.5 | 4.25 | 20.2 | 5.00 | 20.6 | 5.00 | 17.9 | 5.00 | 13.8 | 5.00 | 13.2 | 5.00 | 10.4 |
| 2.25 | 17.8 | 3.75 | 17.0 | 4.50 | 17.0 | 4.50 | 19.3 | 4.50 | 20.0 | 5.25 | 19.3 | 6.00 | 17.0 | 6.00 | 13.8 | 6.00 | 13.2 | 6.00 | 10.4 |
| 2.50 | 17.4 | 4.00 | 15.6 | 4.75 | 16.1 | 4.75 | 18.7 | 4.75 | 19.8 | 5.50 | 18.7 | 6.25 | 16.1 | 7.00 | 13.5 | 7.00 | 13.2 | 7.00 | 10.2 |
| 2.75 | 16.8 | 4.25 | 13.8 | 5.00 | 14.7 | 5.00 | 17.2 | 5.00 | 18.4 | 5.75 | 17.5 | 6.50 | 15.7 | 7.25 | 13.2 | 7.25 | 12.8 | 8.00 | 10.3 |
| 3.00 | 15.9 | 4.50 | 12.7 | 5.25 | 14.5 | 5.25 | 15.3 | 5.25 | 17.9 | 6.00 | 15.4 | 6.75 | 14.5 | 7.50 | 12.5 | 7.50 | 12.7 | 9.00 | 10.2 |
| 3.25 | 15.2 | 4.75 | 11.8 | 5.50 | 13.8 | 5.50 | 13.3 | 5.50 | 16.8 | 6.25 | 13.8 | 7.00 | 13.0 | 7.75 | 12.2 | 7.75 | 12.3 | 10.00 | 10.1 |
| 3.50 | 14.0 | 5.00 | 11.3 | 5.75 | 10.1 | 5.75 | 12.5 | 5.75 | 15.3 | 6.50 | 12.7 | 7.25 | 10.8 | 8.00 | 10.3 | 8.00 | 11.3 | 11.00 | 10.0 |
| 3.75 | 12.7 | 5.25 | 10.6 | 6.00 | 9.8 | 6.00 | 11.5 | 6.00 | 13.9 | 6.75 | 12.1 | 7.50 | 10.2 | 8.25 | 9.7 | 8.25 | 10.2 | 12.00 | 9.3 |
| 4.00 | 12.1 | 5.50 | 10.4 | 6.25 | 9.5 | 6.25 | 10.5 | 6.25 | 12.4 | 7.00 | 11.5 | 7.75 | 9.6 | 8.50 | 8.9 | 8.50 | 9.8 | 13.00 | 8.8 |
| 4.25 | 11.1 | 5.75 | 10.0 | 6.50 | 9.0 | 6.50 | 10.1 | 6.50 | 11.6 | 7.25 | 10.8 | 8.00 | 9.0 | 8.75 | 8.5 | 8.75 | 8.9 | 14.00 | 8.6 |
| 4.50 | 10.9 | 6.00 | 9.7 | 6.75 | 8.8 | 6.75 | 9.8 | 6.75 | 10.7 | 7.50 | 10.0 | 8.25 | 8.2 | 9.00 | 8.0 | 9.00 | 8.2 | 15.00 | 8.5 |
| 4.75 | 10.5 | 6.25 | 9.3 | 7.00 | 8.5 | 7.00 | 9.4 | 7.00 | 10.0 | 7.75 | 9.5 | 8.50 | 7.8 | 10.00 | 7.1 | 9.25 | 7.4 | 16.00 | 8.5 |
| 5.00 | 10.1 | 6.50 | 8.9 | 7.25 | 8.1 | 7.25 | 9.0 | 8.00 | 8.0 | 8.00 | 8.5 | 8.75 | 7.6 | 11.00 | 6.4 | 9.50 | 7.2 | 17.00 | 8.4 |
| 5.25 | 9.5 | 6.75 | 8.6 | 7.50 | 7.8 | 7.50 | 8.2 | 9.00 | 6.9 | 8.25 | 8.1 | 9.00 | 7.4 | 12.00 | 5.9 | 9.75 | 7.0 | 18.00 | 8.5 |
| 5.50 | 9.4 | 7.00 | 8.2 | 7.75 | 7.3 | 7.75 | 8.0 | 10.00 | 6.0 | 8.50 | 7.9 | 10.00 | 6.7 | 13.00 | 5.6 | 10.00 | 6.8 | 19.00 | 8.5 |
| 5.75 | 9.1 | 7.25 | 7.6 | 8.00 | 7.1 | 8.00 | 7.6 | 11.00 | 5.5 | 8.75 | 7.6 | 11.00 | 6.1 | 14.00 | 5.2 | 11.00 | 6.2 | 20.00 | 8.5 |
| 6.00 | 8.8 | 7.50 | 7.2 | 9.00 | 6.5 | 9.00 | 6.8 | 12.00 | 5.3 | 9.00 | 7.2 | 12.00 | 5.7 | 15.00 | 5.1 | 12.00 | 5.9 | 21.00 | 8.5 |
| 7.00 | 7.7 | 7.75 | 7.0 | 10.00 | 6.1 | 10.00 | 6.1 | 13.00 | 4.9 | 10.00 | 6.5 | 13.00 | 5.4 | 16.00 | 5.0 | 13.00 | 5.5 | 22.00 | 8.4 |
| 8.00 | 6.9 | 8.00 | 6.9 | 11.00 | 5.6 | 11.00 | 5.5 | 14.00 | 4.9 | 11.00 | 6.1 | 14.00 | 5.3 | 17.00 | 4.9 | 14.00 | 5.3 | 23.00 | 8.4 |
| 9.00 | 6.2 | 9.00 | 6.3 | 12.00 | 5.4 | 12.00 | 5.3 | 15.00 | 4.8 | 12.00 | 5.7 | 15.00 | 5.0 | 18.00 | 4.8 | 15.00 | 5.0 | 24.00 | 8.3 |
| 10.00 | 5.7 | 10.00 | 5.7 | 13.00 | 5.2 | 13.00 | 5.1 | 16.00 | 4.5 | 13.00 | 5.6 | 16.00 | 5.0 | 19.00 | 4.8 | 16.00 | 4.9 | 24.50 | 8.1 |
| 11.00 | 5.5 | 11.00 | 5.5 | 14.00 | 5.1 | 14.00 | 5.0 | 17.00 | 4.5 | 14.00 | 5.3 | 17.00 | 4.9 | 20.00 | 4.8 | 17.00 | 4.8 | | |
| 12.00 | 5.3 | 12.00 | 5.3 | 15.00 | 5.0 | 15.00 | 4.9 | 18.00 | 4.4 | 15.00 | 5.1 | 18.00 | 4.9 | 21.00 | 4.7 | 18.00 | 4.8 | | |
| 13.00 | 5.3 | 13.00 | 5.2 | 16.00 | 4.9 | 16.00 | 4.8 | 19.00 | 4.4 | 16.00 | 5.1 | 19.00 | 4.8 | 22.00 | 4.7 | 19.00 | 4.7 | | |
| 14.00 | 5.1 | 14.00 | 5.1 | 17.00 | 4.9 | 17.00 | 4.8 | 20.00 | 4.4 | 17.00 | 5.0 | 20.00 | 4.8 | 23.00 | 4.7 | 20.00 | 4.7 | | |
| 15.00 | 5.0 | 15.00 | 5.1 | 18.00 | 4.8 | 18.00 | 4.8 | 21.00 | 4.4 | 18.00 | 5.0 | 21.00 | 4.7 | 24.00 | 4.7 | 21.00 | 4.7 | | |
| 16.00 | 5.0 | 16.00 | 5.0 | 19.00 | 4.8 | 19.00 | 4.7 | 22.00 | 4.3 | 19.00 | 5.0 | 22.00 | 4.7 | | | 22.00 | 4.6 | | |
| 17.00 | 4.9 | 17.00 | 5.0 | 20.00 | 4.8 | 20.00 | 4.7 | 23.00 | 4.3 | 20.00 | 4.9 | 23.00 | 4.7 | | | 23.00 | 4.6 | | |
| 18.00 | 4.9 | 18.00 | 4.9 | 21.00 | 4.7 | 21.00 | 4.7 | 24.00 | 4.3 | 21.00 | 4.8 | 24.00 | 4.7 | | | 24.00 | 4.6 | | |
| 19.00 | 4.9 | 19.00 | 4.9 | 22.00 | 4.7 | 22.00 | 4.7 | 25.00 | 4.3 | 22.00 | 4.8 | | | | | | | | |
| 20.00 | 4.8 | 20.00 | 4.8 | 23.00 | 4.7 | 23.00 | 4.7 | | | 23.00 | 4.8 | | | | | | | | |
| 21.00 | 4.8 | 21.00 | 4.8 | | | 24.00 | 4.7 | | | | | | | | | | | | |
| 22.00 | 4.7 | 22.00 | 4.8 | | | 24.50 | 4.6 | | | | | | | | | | | | |
| 23.00 | 4.7 | 23.00 | 4.8 | | | | | | | | | | | | | | | | |
| 24.00 | 4.7 | 24.00 | 4.8 | | | | | | | | | | | | | | | | |
| | | 24.75 | 4.7 | | | | | | | | | | | | | | | | |

LAKE# 382 TEMPERATURE PROFILES FOR 1986

| MAY 14 DAY# 134 | | MAY 26 DAY# 146 | | JUN 11 DAY# 162 | | JUN 24 DAY# 175 | | JUL 9 DAY# 190 | | JUL 22 DAY# 203 | | AUG 7 DAY# 219 | | AUG 19 DAY# 231 | | SEP 16 DAY# 259 | | SEP 30 DAY# 273 | | OCT 8 DAY# 281 | | OCT 28 DAY# 301 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) | DEPTH (M) | TEMP (C) |
| 0.00 | 11.7 | 0.00 | 19.5 | 0.00 | 17.9 | 0.00 | 18.2 | 0.00 | 20.7 | 0.00 | 21.9 | 0.00 | 22.2 | 0.00 | 20.6 | 0.00 | 13.2 | 0.00 | 13.2 | 0.00 | 10.1 | 0.00 | 7.5 |
| 1.00 | 11.6 | 1.00 | 18.7 | 1.00 | 17.9 | 1.00 | 18.3 | 1.00 | 21.1 | 1.00 | 21.8 | 1.00 | 22.1 | 1.00 | 20.7 | 1.00 | 13.1 | 1.00 | 13.2 | 1.00 | 10.1 | 1.00 | 7.5 |
| 2.00 | 10.7 | 2.00 | 17.7 | 2.00 | 17.8 | 2.00 | 18.2 | 2.00 | 20.8 | 2.00 | 21.7 | 2.00 | 21.9 | 2.00 | 20.8 | 2.00 | 13.1 | 2.00 | 13.2 | 2.00 | 10.1 | 2.00 | 7.5 |
| 3.00 | 10.3 | 2.25 | 16.9 | 3.00 | 17.8 | 3.00 | 18.2 | 3.00 | 20.7 | 3.00 | 21.3 | 3.00 | 21.8 | 3.00 | 20.8 | 3.00 | 13.1 | 3.00 | 13.3 | 3.00 | 10.1 | 3.00 | 7.5 |
| 4.00 | 10.0 | 2.50 | 16.8 | 4.00 | 17.3 | 4.00 | 18.2 | 4.00 | 20.4 | 4.00 | 19.8 | 4.00 | 20.8 | 4.00 | 20.8 | 4.00 | 13.1 | 4.00 | 13.3 | 4.00 | 10.1 | 4.00 | 7.5 |
| 5.00 | 9.9 | 2.75 | 16.1 | 4.25 | 15.5 | 4.25 | 17.0 | 4.25 | 19.6 | 4.25 | 18.9 | 4.25 | 20.6 | 5.00 | 19.9 | 5.00 | 13.2 | 5.00 | 13.3 | 5.00 | 10.1 | 5.00 | 7.5 |
| 6.00 | 9.1 | 3.00 | 15.6 | 4.50 | 13.9 | 4.50 | 16.5 | 4.50 | 19.4 | 4.50 | 18.7 | 4.50 | 20.5 | 5.25 | 18.6 | 6.00 | 13.2 | 6.00 | 13.3 | 6.00 | 10.1 | 6.00 | 7.5 |
| 7.00 | 7.9 | 3.25 | 14.8 | 4.75 | 12.8 | 4.75 | 15.6 | 4.75 | 18.9 | 4.75 | 18.3 | 4.75 | 20.1 | 5.50 | 17.1 | 7.00 | 13.2 | 7.00 | 13.2 | 7.00 | 10.1 | 7.00 | 7.5 |
| 8.00 | 7.3 | 3.50 | 13.9 | 5.00 | 12.1 | 5.00 | 14.1 | 5.00 | 17.8 | 5.00 | 17.7 | 5.00 | 18.8 | 5.75 | 16.1 | 7.25 | 13.0 | 7.25 | 12.8 | 8.00 | 10.1 | 8.00 | 7.5 |
| 9.00 | 7.2 | 3.75 | 13.3 | 5.25 | 11.4 | 5.25 | 12.7 | 5.25 | 15.7 | 5.25 | 16.9 | 5.25 | 17.3 | 6.00 | 14.9 | 7.50 | 12.5 | 7.50 | 12.7 | 9.00 | 10.0 | 9.00 | 7.5 |
| 10.00 | 7.1 | 4.00 | 12.9 | 5.50 | 10.9 | 5.50 | 11.9 | 5.50 | 14.5 | 5.50 | 15.7 | 5.50 | 16.1 | 6.25 | 13.0 | 7.75 | 11.8 | 7.75 | 12.4 | 9.25 | 9.8 | 10.00 | 7.5 |
| 11.00 | 6.4 | 4.25 | 11.8 | 5.75 | 10.6 | 5.75 | 11.1 | 5.75 | 13.2 | 5.75 | 14.5 | 5.75 | 15.3 | 6.50 | 12.0 | 8.00 | 10.5 | 8.00 | 11.8 | 9.50 | 9.7 | 11.00 | 7.5 |
| 12.00 | 6.4 | 4.50 | 11.6 | 6.00 | 10.1 | 6.00 | 10.5 | 6.00 | 12.4 | 6.00 | 13.3 | 6.00 | 14.4 | 6.75 | 11.5 | 8.25 | 9.2 | 8.25 | 11.1 | 9.75 | 9.3 | 12.00 | 7.2 |
| | | 4.75 | 11.3 | 6.25 | 10.0 | 6.25 | 10.1 | 6.25 | 11.8 | 6.25 | 12.3 | 6.25 | 13.5 | 7.00 | 11.1 | 8.50 | 9.1 | 8.50 | 10.6 | 10.00 | 8.6 | | |
| | | 5.00 | 10.8 | 6.50 | 9.7 | 6.50 | 9.7 | 6.50 | 11.2 | 6.50 | 11.6 | 6.50 | 12.4 | 7.25 | 10.4 | 8.75 | 8.8 | 9.00 | 9.2 | 11.00 | 7.7 | | |
| | | 5.25 | 10.1 | 6.75 | 9.3 | 6.75 | 9.5 | 6.75 | 10.6 | 6.75 | 11.0 | 6.75 | 11.6 | 7.50 | 10.3 | 9.00 | 8.5 | 9.25 | 8.3 | 12.00 | 7.4 | | |
| | | 5.50 | 10.0 | 7.00 | 9.0 | 7.00 | 9.2 | 7.00 | 10.1 | 7.00 | 10.3 | 7.00 | 10.7 | 7.75 | 9.7 | 10.00 | 7.7 | 9.50 | 8.3 | | | | |
| | | 5.75 | 8.9 | 8.00 | 8.1 | 8.00 | 8.4 | 7.25 | 9.2 | 7.25 | 9.7 | 7.25 | 9.9 | 8.00 | 9.3 | 11.00 | 7.5 | 9.75 | 8.1 | | | | |
| | | 6.00 | 8.6 | 9.00 | 7.5 | 9.00 | 7.6 | 7.50 | 9.1 | 7.50 | 9.4 | 7.50 | 9.6 | 8.25 | 8.9 | 12.00 | 7.3 | 10.00 | 7.9 | | | | |
| | | 7.00 | 8.9 | 10.00 | 7.2 | 10.00 | 7.3 | 7.75 | 8.8 | 7.75 | 9.1 | 7.75 | 9.3 | 8.50 | 8.6 | | | 11.00 | 7.6 | | | | |
| | | 8.00 | 8.1 | 11.00 | 7.0 | 11.00 | 7.1 | 8.00 | 8.3 | 8.00 | 8.8 | 8.00 | 9.0 | 8.75 | 8.3 | | | 12.00 | 7.2 | | | | |
| | | 9.00 | 7.9 | | | | | 9.00 | 7.9 | 9.00 | 8.0 | 9.00 | 8.2 | 9.00 | 8.1 | | | | | | | | |
| | | 10.00 | 7.2 | | | | | 10.00 | 7.6 | 10.00 | 7.7 | 10.00 | 7.5 | 10.00 | 7.7 | | | | | | | | |
| | | 11.00 | 6.9 | | | | | 11.00 | 7.3 | 11.00 | 7.5 | 11.00 | 7.3 | 11.00 | 7.5 | | | | | | | | |
| | | 12.00 | 6.7 | | | | | 12.00 | 7.0 | 12.00 | 7.2 | 11.75 | 7.0 | 12.00 | 7.1 | | | | | | | | |

# APPENDIX 2

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 109

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 132 | 15.0 | 10 | 20-25 | SW | 5.1 | PALE GREEN | 1.4 | 1.4 |
| 148 | | 0 | 0- 5 | W | 7.8 | PALE | 1.5 | 4.1 |
| 160 | 17.0 | 9 | 0- 5 | S | 7.0 | GREEN | 4.1 | 5.1 |
| 176 | 25.0 | 9 | 0- 0 | | 5.7 | PALE GREEN | 4.1 | 5.6 |
| 188 | 20.0 | 4 | 20-25 | W | 5.4 | PALE | 6.1 | 6.1 |
| 204 | 20.0 | 10 | 5-10 | W | 6.6 | GREEN | 4.5 | 6.9 |
| 216 | 20.0 | 8 | 10-15 | W | 6.0 | PALE | 6.1 | 6.1 |
| 232 | 20.0 | 1 | 25-30 | W | 5.3 | PALE GREEN | 6.4 | 7.4 |
| 244 | 15.0 | 5 | 20-25 | SE | 4.4 | GREEN | 7.6 | 7.9 |
| 259 | 14.0 | 7 | 15-20 | W | 3.8 | TURBID GREEN | 9.4 | 9.4 |
| 272 | 12.0 | 10 | 0- 0 | | 3.8 | GREEN | 9.5 | 9.5 |
| 296 | | 10 | 0- 5 | N | 4.1 | YELLOW GREEN | 10.0 | 8.5 |

LAKE# 110

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 132 | 19.0 | 7 | 0- 0 | | 3.8 | YELLOW | 1.1 | 6.1 |
| 148 | | 0 | 0- 5 | W | 4.4 | YELLOW | 1.1 | 3.4 |
| 176 | 25.0 | 8 | 0- 5 | S | 3.8 | YELLOW | .5 | 4.9 |
| 188 | 20.0 | 1 | 15-20 | SW | 4.2 | PALE YELLOW | 4.1 | 4.9 |
| 204 | 20.0 | 10 | 0- 5 | S | 5.8 | YELLOW | 3.5 | 5.9 |
| 216 | 21.0 | 9 | 10-15 | W | 5.0 | YELLOW | 4.4 | 4.6 |
| 232 | 21.0 | 2 | 10-15 | W | | | 4.1 | 5.9 |
| 244 | 15.0 | 2 | 15-20 | N | 5.7 | YELLOW GREEN | 5.1 | 6.6 |
| 249 | 18.0 | 8 | 0- 5 | SW | 4.4 | GREEN | 3.1 | 3.6 |
| 259 | 14.0 | 7 | 15-20 | S | 4.0 | YELLOW GREEN | 7.1 | 7.9 |
| 272 | 13.5 | 10 | 0- 0 | | 4.3 | GREEN | 7.1 | 8.1 |
| 296 | | 10 | 0- 5 | N | 4.1 | YELLOW GREEN | 12.5 | 12.3 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 114

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 153 | 15.0 | 10 | 5-10 | SE | 2.0 | YELLOW | 5.0 | .5 |
| 167 | 11.0 | 8 | 25-30 | N | 2.2 | YELLOW | 4.5 | .5 |
| 181 | 21.0 | 9 | 0- 5 | S | | | 4.3 | 4.1 |
| 195 | 17.0 | 10 | 0- 0 | | 1.2 | YELLOW | 4.5 | 4.5 |
| 209 | | | | | | | 3.1 | 3.0 |
| 223 | 19.0 | 3 | 5-10 | NW | | | 4.5 | .5 |
| 237 | 16.0 | 10 | 10-15 | W | | | 4.5 | .5 |
| 251 | 12.0 | 0 | 10-15 | N | 2.7 | GREEN | 4.5 | .5 |
| 265 | 16.0 | 7 | 15-20 | SW | 3.3 | PALE GREEN | 5.0 | 4.5 |
| 279 | 6.0 | 10 | 5-10 | S | 4.2 | GREEN | 4.0 | .5 |

LAKE# 221

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 135 | 15.0 | 3 | 0- 5 | se | 3.2 | BROWN | 1.1 | 1.6 |
| 149 | 22.0 | 0 | 0- 5 | SW | 3.2 | BROWN | 1.1 | 1.9 |
| 163 | 17.0 | 6 | 15-20 | N | 2.7 | BROWN | 2.1 | 4.9 |
| 177 | 23.0 | 7 | 5-10 | W | | | 1.5 | 3.4 |
| 191 | | 10 | 0- 5 | E | 2.0 | BROWN | 2.1 | 3.9 |
| 205 | 20.0 | 8 | | | 2.5 | | 2.1 | 3.9 |
| 219 | 19.0 | 10 | 10-15 | S | 2.6 | BROWN | 2.5 | 3.1 |
| 233 | 14.0 | 0 | 0- 0 | 00 | 2.6 | BROWN | 3.1 | 4.1 |
| 247 | 13.0 | 9 | 0- 5 | W | 3.3 | BROWN | 4.1 | 4.1 |
| 261 | 12.0 | 9 | 0- 0 | 00 | 2.1 | BROWN | 5.3 | 5.3 |
| 274 | 10.0 | 10 | 0- 0 | 00 | 2.3 | BROWN | 5.5 | 3.5 |
| 287 | 6.0 | 8 | 0- 5 | N | 2.1 | BROWN | 5.5 | .5 |

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 222

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 135 | | 4 | 0- 5 | SE | | | 1.1 | 2.1 |
| 149 | 23.0 | 0 | 5-10 | NW | 2.8 | BROWN | 1.1 | 1.1 |
| 163 | 17.0 | 6 | 15-20 | N | 2.7 | ORANGE BROWN | 1.5 | 2.9 |
| 177 | 24.0 | 7 | 10-15 | W | | | 1.5 | 2.9 |
| 191 | | 10 | 0- 5 | E | 1.6 | BROWN | 2.5 | 3.1 |
| 205 | 25.0 | 7 | | | | | 1.1 | 4.4 |
| 219 | 17.0 | 10 | 5-10 | S | 2.3 | ORANGE BROWN | 2.1 | 3.6 |
| 233 | 14.0 | 0 | 0- 0 | | 2.9 | DARK BROWN | 3.1 | 4.1 |
| 247 | 13.0 | 10 | 0- 5 | W | 2.2 | BROWN | 2.5 | 4.1 |
| 261 | 12.0 | 10 | 0- 0 | | 2.2 | BROWN | 5.0 | 4.5 |
| 274 | 11.0 | 10 | 0- 0 | | 2.2 | BROWN | 5.0 | 4.5 |
| 287 | 7.0 | 8 | 5-10 | N | 2.1 | BROWN | 5.5 | 5.3 |

LAKE# 223

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 125 | 11.0 | 10 | 20-25 | N | | | 14.3 | 14.1 |
| 139 | 10.0 | 1 | 20-25 | S | 4.8 | YELLOW | 4.1 | 4.1 |
| 153 | 14.0 | 10 | 15-20 | SE | 5.7 | PALE GREEN | 3.1 | 3.9 |
| 167 | | 9 | 15-20 | N | 6.0 | PALE GREEN | 5.1 | 5.1 |
| 181 | 15.0 | 9 | 0- 5 | S | 5.1 | PALE GREEN | 5.1 | 5.4 |
| 195 | | 10 | 15-20 | SW | 3.7 | TURBID GREEN | 6.1 | 6.6 |
| 209 | 20.0 | 8 | 0- 5 | S | 4.8 | GREEN | 5.1 | 7.4 |
| 223 | 17.0 | 1 | 0- 5 | NW | 4.3 | GREEN | 6.1 | 6.9 |
| 237 | 16.0 | 10 | 20-25 | W | 4.0 | GREEN | 7.1 | 7.1 |
| 251 | 9.0 | 2 | 0- 5 | W | 4.1 | GREEN | 8.4 | 9.1 |
| 265 | 14.0 | 9 | 10-15 | SW | 4.8 | PALE GREEN | 9.1 | 10.1 |
| 279 | 5.0 | 10 | 5-10 | S | 4.2 | PALE GREEN | 11.1 | 11.1 |
| 294 | 10.0 | 0 | 0- 0 | | 5.3 | PALE GREEN | 14.3 | 14.1 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 224

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 125 | 11.0 | 10 | 20-25 | N | 6.1 | BLUE | 26.5 | 4.5 |
| 139 | 12.0 | 1 | 15-20 | S | 6.5 | PALE | 26.0 | 3.5 |
| 153 | 15.0 | 10 | 20-25 | | | | 3.9 | 4.1 |
| 167 | | 8 | 15-20 | N | 7.8 | BLUE | 5.1 | 6.1 |
| 181 | | 10 | 0- 5 | S | 8.2 | BLUE | 5.4 | 6.1 |
| 195 | | 10 | 10-15 | SW | 7.8 | BLUE | 6.6 | 7.1 |
| 209 | | 8 | 10-15 | | 6.8 | PALE | 5.1 | 7.9 |
| 223 | 18.0 | 2 | 0- 5 | NW | 8.4 | BLUE | 7.1 | 7.1 |
| 237 | 16.0 | 10 | 5-10 | W | 7.8 | BLUE | 7.1 | 8.6 |
| 251 | 10.0 | 0 | 0- 5 | NW | 7.1 | PALE | 9.4 | 9.9 |
| 265 | 15.0 | 8 | 15-20 | S | 6.9 | PALE | 10.1 | 10.9 |
| 279 | 5.0 | 10 | 5-10 | S | 6.8 | PALE GREEN | 12.1 | 12.6 |
| 302 | 0.0 | 10 | 10-15 | NW | 7.0 | PALE | 24.5 | 16.5 |

LAKE# 226 N

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 127 | 8.0 | | | | 3.2 | YELLOW | 3.9 | 3.9 |
| 139 | 12.5 | 1 | 5-10 | SW | 3.8 | YELLOW | 3.1 | 3.1 |
| 155 | 16.0 | 4 | 10-15 | NW | 3.5 | YELLOW BROWN | 3.4 | 3.4 |
| 167 | 11.0 | 8 | 20-25 | N | 3.5 | YELLOW BROWN | 4.1 | 4.1 |
| 183 | 15.0 | 1 | 10-15 | NE | 3.4 | BROWN | 3.6 | 5.1 |
| 195 | 16.0 | 10 | 0- 0 | | 3.0 | YELLOW BROWN | 4.9 | 5.4 |
| 211 | 21.0 | 10 | 5-10 | NW | 3.2 | YELLOW GREEN | 3.1 | 4.9 |
| 219 | 18.0 | 10 | 10-15 | S | 3.5 | YELLOW | 4.1 | 5.4 |
| 239 | 16.0 | 9 | 5-10 | NW | 3.3 | YELLOW GREEN | 5.1 | 5.6 |
| 251 | 9.0 | 1 | 5-10 | SW | 3.5 | YELLOW | 6.1 | 6.9 |
| 267 | 14.0 | 8 | 0- 0 | | 3.7 | YELLOW BROWN | 7.1 | 7.6 |
| 279 | 4.0 | 10 | 5-10 | S | 3.5 | YELLOW BROWN | 8.1 | 8.6 |
| 300 | 7.0 | 10 | 10-15 | N | 2.9 | YELLOW BROWN | 14.5 | 12.5 |

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 226 S

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 127 | 8.0 | | | | 3.8 | YELLOW | 4.1 | 4.9 |
| 139 | 11.0 | 1 | 0- 5 | SE | 4.0 | YELLOW | 3.1 | 3.1 |
| 155 | 13.0 | 3 | 20-25 | NW | 3.5 | YELLOW BROWN | 3.1 | 3.4 |
| 167 | 10.0 | 8 | 20-25 | N | 3.8 | YELLOW BROWN | 4.1 | 4.1 |
| 183 | 14.0 | 1 | 10-15 | NE | 3.4 | BROWN | 3.6 | 3.9 |
| 195 | | 10 | 0- 5 | W | 3.2 | YELLOW BROWN | 4.4 | 4.6 |
| 211 | 21.0 | 10 | 0- 5 | NW | 3.3 | YELLOW | 3.1 | 4.6 |
| 219 | 18.0 | 10 | 10-15 | S | 3.8 | YELLOW BROWN | 4.1 | 4.4 |
| 239 | 16.0 | 9 | 5-10 | NW | 3.3 | YELLOW GREEN | 5.1 | 5.6 |
| 251 | 11.0 | 0 | 5-10 | SW | 3.6 | YELLOW | 5.6 | 6.9 |
| 267 | 13.0 | 7 | 0- 0 | | 3.8 | YELLOW | 6.1 | 7.1 |
| 279 | 4.0 | 10 | 5-10 | S | 3.4 | YELLOW BROWN | 8.1 | 8.4 |
| 300 | 7.0 | 10 | 0- 5 | N | 3.0 | YELLOW BROWN | 11.5 | 11.3 |

LAKE# 227

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 126 | 11.0 | 10 | 0- 0 | | 1.4 | BROWN | 1.5 | 1.5 |
| 140 | | 0 | 0- 5 | SW | .8 | BROWN | .1 | 1.4 |
| 154 | 17.0 | 8 | 10-15 | SE | 1.6 | BROWN YELLOW | 1.5 | 2.1 |
| 168 | 17.0 | 0 | 0- 0 | | 1.1 | BROWN | 2.1 | 2.6 |
| 182 | 15.0 | 10 | 0- 5 | N | 1.1 | DARK YELLOW | 1.5 | 2.6 |
| 196 | 21.0 | 1 | 0- 5 | W | 1.0 | TURBID | 2.1 | 2.9 |
| 210 | 18.0 | 10 | 0- 0 | | 1.0 | BROWN | 1.1 | 3.1 |
| 224 | 18.0 | 1 | 10-15 | W | 1.2 | TURBID | 1.5 | 1.5 |
| 238 | 16.0 | 5 | 15-20 | N | 1.2 | YELLOW BROWN | 3.1 | 3.4 |
| 252 | 15.0 | 2 | 0- 0 | | 1.1 | YELLOW | 3.5 | 4.1 |
| 266 | 13.0 | 5 | 0- 0 | | 1.1 | BROWN | 4.1 | 5.1 |
| 280 | 13.0 | 10 | 0- 0 | | 1.1 | TURBID YELLOW | 5.1 | 5.1 |
| 301 | 8.0 | 10 | 15-20 | N | 1.2 | PALE | 10.0 | 8.5 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 239

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 140 | 13.0 | 0 | 0- 5 | SE | 3.9 | BROWN | 4.6 | 4.6 |
| 155 | 15.0 | 4 | 15-20 | N | 4.6 | DARK YELLOW | 4.1 | 4.4 |
| 168 | 16.0 | 3 | 0- 5 | NW | 4.1 | YELLOW BROWN | 5.1 | 5.4 |
| 183 | 14.0 | 1 | 5-10 | NE | 5.0 | YELLOW BROWN | 4.6 | 5.0 |
| 196 | 23.0 | 1 | 0- 5 | SW | 5.2 | YELLOW | 5.1 | 5.9 |
| 211 | 21.0 | 9 | 15-20 | SW | 4.5 | YELLOW | 4.4 | 5.1 |
| 224 | 18.0 | 5 | 20-25 | W | 5.2 | YELLOW | 5.6 | 6.1 |
| 239 | | | | | | | 6.4 | 6.9 |
| 252 | 14.0 | 4 | 0- 0 | 00 | 4.2 | GREEN | 7.1 | 8.1 |
| 267 | 17.0 | 4 | 0- 5 | E | 5.1 | YELLOW BROWN | 8.1 | 9.1 |
| 280 | 10.0 | 10 | 0- 0 | 00 | 4.1 | YELLOW | 10.1 | 10.1 |
| 303 | 4.0 | 3 | 15-20 | SE | 4.6 | PALE YELLOW | 30.0 | 19.5 |

LAKE# 240

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 127 | 6.0 | 10 | 20-25 | W | | | 13.5 | 6.5 |
| 141 | 14.0 | 0 | 0- 5 | SE | 4.6 | YELLOW | 5.1 | 13.3 |
| 155 | 16.0 | 5 | 10-15 | N | 5.8 | YELLOW | 4.1 | 4.9 |
| 169 | 21.0 | 2 | 0- 5 | SW | 4.0 | YELLOW | 5.1 | 5.6 |
| 183 | 13.0 | 1 | 5-10 | E | 4.4 | YELLOW | 4.4 | 5.4 |
| 197 | 20.0 | 9 | 5-10 | S | 4.1 | YELLOW GREEN | 5.1 | 6.1 |
| 211 | 21.0 | 9 | 10-15 | SW | 4.5 | YELLOW | 4.1 | 7.4 |
| 225 | 18.0 | 10 | 15-20 | SW | 4.8 | YELLOW | 5.6 | 6.6 |
| 239 | 10.0 | 8 | 10-15 | N | 3.8 | YELLOW | 7.1 | 7.4 |
| 253 | 10.0 | 9 | 0- 0 | | 4.0 | YELLOW GREEN | 8.1 | 8.9 |
| 267 | 16.0 | 4 | 0- 5 | E | 5.2 | YELLOW GREEN | 9.1 | 9.9 |
| 281 | 9.0 | 8 | 20-30 | NW | 3.7 | YELLOW | 13.0 | .5 |
| 287 | 2.0 | 5 | 0- 5 | N | 4.0 | YELLOW | 13.0 | .5 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 260

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 134 | | 5 | 0- 0 | | 5.0 | YELLOW | 10.0 | 2.5 |
| 146 | 18.0 | 1 | 0- 5 | | 5.2 | YELLOW | 3.1 | 3.6 |
| 162 | 15.0 | 9 | 10-15 | N | 4.1 | GREEN | 4.9 | 5.1 |
| 174 | 15.0 | 10 | 20-25 | N | 5.0 | YELLOW | 4.9 | 4.9 |
| 189 | 24.0 | 3 | 0- 5 | | 4.8 | YELLOW | 5.4 | 5.4 |
| 202 | | 7 | 5-10 | SW | 5.2 | YELLOW | 2.5 | 6.6 |
| 217 | 18.0 | 2 | 5-10 | NE | | | 5.5 | 6.9 |
| 230 | 11.0 | 0 | 5-10 | S | 5.0 | YELLOW GREEN | 5.1 | 6.1 |
| 246 | 16.0 | 10 | 10-15 | S | 4.1 | GREEN | 7.1 | 7.9 |
| 258 | 9.0 | 10 | 20-25 | E | 4.1 | GREEN YELLOW | 8.4 | 9.1 |
| 273 | 11.0 | 2 | 10-15 | NE | 4.3 | YELLOW GREEN | 8.6 | 9.1 |
| 281 | 6.0 | 8 | 15-20 | W | 3.6 | TURBID GREEN | 12.1 | 12.4 |
| 300 | 7.0 | 10 | 5-10 | N | 4.4 | TURBID YELLOW | 14.0 | 10.5 |

LAKE# 302 N

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 126 | 8.0 | 10 | 10-15 | SW | 2.6 | BROWN | 13.5 | 4.5 |
| 140 | 13.0 | 1 | 5-10 | SW | 3.8 | DARK BROWN | 3.1 | 5.4 |
| 154 | 17.0 | 8 | 10-15 | S | 3.8 | YELLOW | 2.9 | 3.6 |
| 168 | | 1 | 0- 0 | | 5.4 | TURBID | 4.1 | 4.4 |
| 182 | 16.0 | 10 | 0- 5 | N | 4.0 | GREEN | 3.1 | 4.9 |
| 196 | 24.0 | 5 | 0- 5 | W | 3.8 | GREEN | 4.1 | 5.1 |
| 210 | 20.0 | 10 | 0- 5 | S | 3.6 | YELLOW | 3.5 | 4.9 |
| 224 | 16.0 | 0 | 0- 5 | W | 4.6 | GREEN | 4.1 | 5.4 |
| 238 | 10.0 | 10 | 15-20 | NE | 2.8 | YELLOW GREEN | 5.1 | 5.9 |
| 252 | 19.0 | 6 | 0- 0 | | 3.2 | TURBID GREEN | 6.1 | 7.1 |
| 266 | 16.0 | 10 | 0- 5 | S | 3.1 | BROWN | 7.1 | 8.4 |
| 280 | 10.0 | 10 | 0- 0 | | 3.1 | GREEN | 9.1 | 9.1 |
| 301 | 3.0 | 10 | 5-10 | N | 3.4 | YELLOW | 13.5 | 13.3 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 302 S

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 126 | 8.0 | 10 | 10-15 | SW | 3.9 | YELLOW | 10.0 | 4.5 |
| 140 | 14.0 | | 5-10 | SW | 4.4 | PALE | 3.1 | 9.8 |
| 154 | 20.0 | 8 | 15-20 | S | 4.9 | GREEN | 3.4 | 4.4 |
| 168 | | 1 | 0- 0 | | 5.8 | GREEN | 4.1 | 5.1 |
| 182 | 17.0 | 10 | 0- 5 | N | 5.2 | PALE GREEN | 3.5 | 5.6 |
| 196 | 24.0 | 3 | 0- 5 | | 5.2 | YELLOW | 5.1 | 6.4 |
| 210 | 21.0 | 10 | 0- 0 | | 4.8 | PALE GREEN | 4.1 | 7.1 |
| 224 | 15.0 | 0 | 5-10 | W | | | 6.1 | 6.6 |
| 238 | 10.0 | 10 | 15-20 | NE | 2.6 | TURBID GREEN | 6.5 | 7.1 |
| 252 | 17.0 | 6 | 0- 0 | | 2.5 | TURBID GREEN | 8.1 | 8.1 |
| 266 | 18.0 | 1 | 0- 0 | | 1.9 | GREEN | 9.1 | 9.4 |
| 280 | 10.0 | 10 | 0- 0 | | 3.6 | TURBID | 10.0 | 8.5 |
| 301 | 2.0 | 10 | 0- 5 | N | 3.8 | GREEN | 10.0 | .5 |

LAKE# 304

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 128 | 7.0 | 10 | 10-15 | SE | 3.2 | ORANGE | 2.5 | 2.5 |
| 142 | 17.0 | 0 | 5-10 | SE | 2.6 | BROWN | 1.1 | 1.6 |
| 156 | 13.0 | 8 | 0- 5 | S | 2.4 | BROWN | 2.1 | 2.6 |
| 170 | 19.0 | 1 | 10-15 | SE | 2.8 | ORANGE | 1.1 | 3.1 |
| 184 | 16.0 | 9 | 0- 5 | SE | 2.4 | ORANGE BROWN | 2.1 | 3.4 |
| 198 | 21.0 | 9 | 0- 5 | NE | 2.8 | BROWN | 1.1 | 3.9 |
| 212 | | 10 | 10-15 | SW | 2.6 | BROWN ORANGE | 2.1 | 4.1 |
| 226 | 16.0 | 10 | 0- 0 | | 3.2 | YELLOW | 3.1 | 4.1 |
| 240 | 14.0 | 6 | 5-10 | NW | 3.0 | GREEN YELLOW | 2.5 | 2.5 |
| 254 | 19.0 | 1 | 0- 0 | | 2.1 | BROWN | 4.6 | 5.4 |
| 268 | 12.0 | 10 | 15-20 | NE | 1.6 | BROWN | 6.0 | 3.5 |
| 281 | 6.0 | 9 | 5-10 | N | 1.8 | ORANGE | 6.0 | 5.5 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 305

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 134 | | 0 | 0- 0 | | 6.6 | YELLOW | 31.0 | 2.5 |
| 146 | 22.0 | 0 | 0- 0 | | 7.2 | GREEN | 3.1 | 3.1 |
| 162 | | 9 | 10-15 | E | 3.4 | GREEN | 4.9 | 4.9 |
| 175 | | 1 | 5-10 | W | 7.8 | GREEN | 5.9 | 6.6 |
| 190 | | 0 | 0- 5 | NE | 8.0 | GREEN | 6.4 | 7.6 |
| 203 | 24.0 | 0 | 0- 5 | E | 9.0 | PALE | 4.5 | 7.6 |
| 217 | 19.0 | 1 | 5-10 | N | 7.5 | PALE GREEN | 6.1 | 7.1 |
| 231 | | 1 | 0- 5 | S | 7.5 | PALE | 6.4 | 7.6 |
| 246 | 16.0 | 10 | 10-15 | S | 6.5 | GREEN | 8.6 | 8.9 |
| 259 | 14.0 | 4 | 15-20 | W | 6.5 | PALE GREEN | 9.1 | 9.9 |
| 273 | 12.0 | 1 | 20-25 | S | 7.1 | PALE GREEN | 10.1 | 10.4 |
| 281 | 6.0 | 9 | 0- 5 | N | 6.6 | PALE GREEN | 11.1 | 11.1 |
| 302 | 0.0 | 10 | 15-20 | N | 6.8 | PALE GREEN | 16.5 | 16.5 |

LAKE# 373

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 133 | 15.0 | 8 | 5-10 | S | 4.6 | GREEN | 10.5 | 10.5 |
| 148 | 27.0 | 0 | 0- 5 | S | 7.8 | PALE GREEN | 1.1 | 3.9 |
| 160 | 20.1 | | 5-10 | S | 8.2 | GREEN | 4.4 | 4.6 |
| 176 | 19.0 | 3 | 10-15 | S | 7.4 | PALE | 5.1 | 5.9 |
| 189 | | 4 | 0- 5 | NE | 7.8 | GREEN | 6.1 | 6.4 |
| 204 | 20.0 | 10 | 10-15 | S | 7.8 | GREEN | 5.1 | 6.6 |
| 217 | 21.0 | 3 | 0- 5 | NE | 8.4 | GREEN | 6.4 | 7.4 |
| 231 | 22.0 | 3 | 5-10 | SW | 7.2 | PALE GREEN | 6.1 | 7.9 |
| 245 | 15.0 | 10 | 10-15 | NE | 6.2 | GREEN | 7.9 | 8.1 |
| 259 | 10.0 | 5 | 0- 5 | S | 7.0 | PALE GREEN | 9.4 | 9.9 |
| 273 | 11.0 | 4 | 5-10 | NE | 7.1 | PALE GREEN | 10.1 | 10.1 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 374

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 132 | 10.0 | 9 | 10-15 | S | 7.7 | PALE GREEN | 23.0 | 14.5 |
| 148 | 23.5 | 1 | 0- 0 | 00 | 6.4 | PALE GREEN | 1.1 | 4.1 |
| 161 | 17.0 | 10 | 0- 5 | SW | 6.4 | GREEN | 6.6 | 8.4 |
| 176 | 23.0 | 7 | 10-15 | W | 6.4 | PALE GREEN | 7.1 | 7.4 |
| 188 | | 2 | 20-25 | W | 6.5 | GREEN | 10.4 | 13.6 |
| 204 | 20.0 | 10 | 10-15 | S | 6.6 | GREEN | 5.1 | 9.1 |
| 216 | 18.0 | 8 | 5-10 | W | 7.6 | GREEN | 7.9 | 7.9 |
| 232 | 19.0 | 1 | 25-30 | W | 7.5 | PALE GREEN | 9.4 | 10.6 |
| 244 | 15.0 | 2 | 20-25 | SE | 6.4 | GREEN | 8.6 | 8.9 |
| 259 | 14.0 | 7 | 10-15 | S | 6.0 | PALE GREEN | 12.1 | 12.4 |
| 272 | 15.0 | 10 | 0- 0 | | 8.0 | PALE GREEN | 13.1 | 14.6 |
| 296 | 5.0 | 10 | 0- 5 | E | 6.2 | GREEN | 27.0 | 21.5 |

LAKE# 375

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAR THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 148 | 27.0 | 0 | 0- 5 | S | 5.2 | PALE YELLOW | 1.1 | 3.6 |
| 161 | | 10 | 5-10 | SW | 6.2 | GREEN | 3.1 | 4.1 |
| 176 | 23.0 | 3 | 10-15 | SW | 6.8 | YELLOW | 4.1 | 5.6 |
| 189 | 24.0 | 4 | 0- 5 | | 6.0 | PALE | 4.1 | 5.4 |
| 217 | 20.0 | 2 | 5-10 | NE | 7.2 | YELLOW | 4.9 | 5.6 |
| 231 | 19.0 | 7 | 0- 5 | SW | 6.6 | PALE GREEN | 5.1 | 5.9 |
| 245 | 15.0 | 10 | 10-15 | NE | 6.5 | GREEN | 6.1 | 7.1 |
| 259 | 11.5 | 5 | 0- 5 | S | 7.4 | PALE GREEN | 7.1 | 7.9 |
| 273 | 11.0 | 6 | 5-10 | NE | 6.3 | PALE GREEN | 7.1 | 8.1 |
| 295 | 14.0 | 1 | 0- 5 | N | 5.8 | YELLOW | 24.5 | 11.5 |

# PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 382

| DAY# | AIR TEMP C | CLOUD COVER N/10 | WIND SPEED KMPH | WIND DIR | SECCHI DEPTH M | WATER COLOR | EPI DEPTH M | PLANAP THERMOCLINE M |
|---|---|---|---|---|---|---|---|---|
| 134 | | 0 | | | 4.2 | YELLOW | 6.5 | 6.5 |
| 146 | 26.2 | 1 | 0- 0 | | 5.4 | YELLOW | 1.5 | 4.1 |
| 162 | | 9 | | E | | | 4.1 | 4.1 |
| 175 | | 3 | 10-15 | W | 4.4 | YELLOW | 4.1 | 4.9 |
| 190 | 18.0 | 0 | | NE | 4.1 | YELLOW | 4.1 | 5.1 |
| 203 | 22.0 | 0 | 0- 5 | E | 4.6 | YELLOW | 3.5 | 5.4 |
| 219 | 22.0 | 10 | 10-15 | S | 4.2 | YELLOW | 3.5 | 5.1 |
| 231 | 20.0 | 3 | 15-20 | SE | 4.7 | YELLOW BROWN | 5.1 | 6.1 |
| 259 | 13.0 | 4 | 15-20 | W | 3.5 | YELLOW | 7.4 | 7.9 |
| 273 | | | | | | | 7.1 | 9.1 |
| 281 | 5.0 | 9 | 0- 5 | N | 3.8 | TURBID YELLOW | 9.6 | 9.9 |
| 301 | 7.5 | 10 | 15-20 | N | 5.1 | TURBID YELLOW | 12.0 | 11.5 |